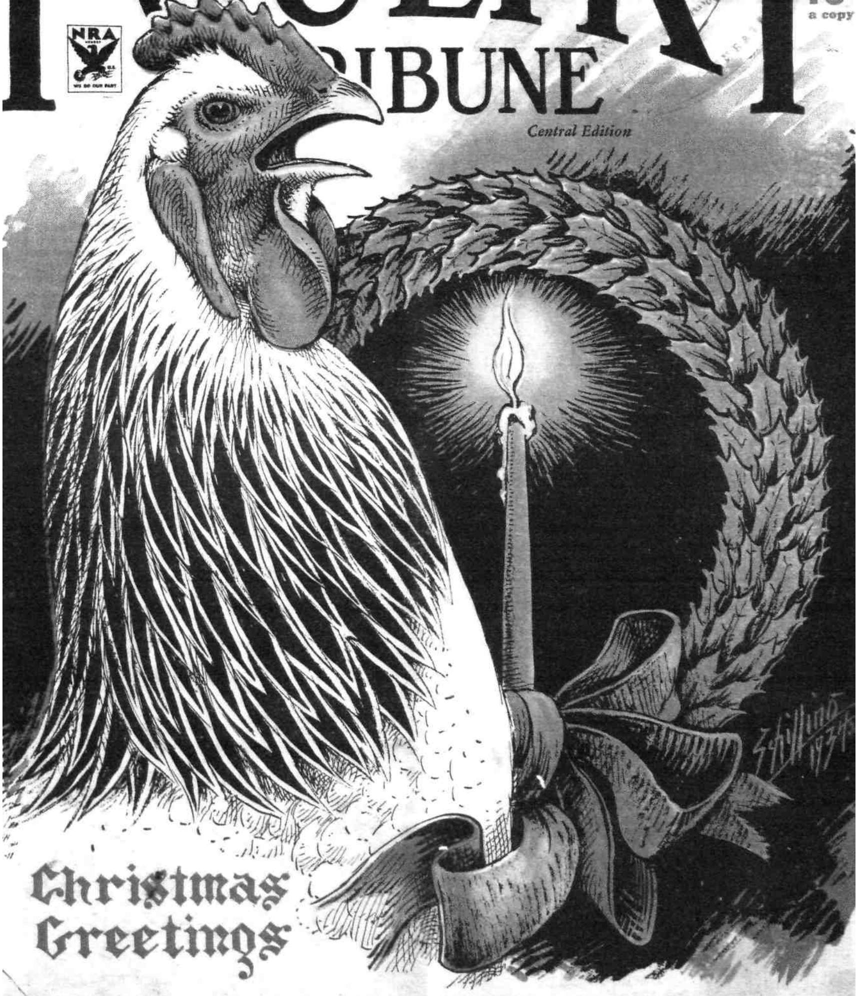
DECEMBER, 1934

POULTRY TRIBUNE

10¢ a copy

NRA MEMBER U.S. WE DO OUR PART

Central Edition



Winners in $1500 Chick Growing Contest!

Can You Find 10 FACES IN THE PICTURE BELOW?

Answer Quick! Get the Opportunity to ...

Win $2,250.00

or Buick Sedan and $1,250.00 Cash!

Here's a lot of cash for someone. Would you like to have it? We are going to pay over **$5,000.00 in big cash prizes.** Can you find ten of the hidden faces in the picture? Look sharply and mark the faces you find. Then fill in the coupon, mail quick, and ***you will receive opportunity to win as much as*** **$2,250.00.** Some one, maybe you, will receive a new Buick Sedan and if prompt, $1,250.00 cash extra or, if all cash is preferred, $2,250.00.

Surely you wc 'd like to have this magnificent prize. Think what you could do with all this money at one time. It would *come in pretty handy right now, wouldn't it?* ***We want people*** **everywhere to have the opportunity to share in this great distribution of money.** This is our unique way of advertising. Besides the First Grand Prize of **$2,250.00** including promptness, *there are 100 other big, grand prizes. The Second Grand* Prize is a DeLuxe Chevrolet Master 6 Sedan or **$750.00** cash. Third Grand Prize is DeLuxe Ford V-8 Sedan or **$600.00** cash. Fourth Grand Prize is **$150.00** cash and many others. Thousands of dollars in special cash rewards. ***Mail your*** **answer on the coupon today.**

Send No Money — Just Mail Coupon

Sophie A. Griesser
Pennsylvania

Study the science of the stars in the picture and see if you can help the old Astrologer find ten of the hidden faces. Sharp eyes may find them. Some of them look straight at you, some are upside down, others are sidewise. Look for them in the clouds, around the moon, etc. It is not as easy as some people may think. Don't give up—keep looking and you may find them. Do you realize that Astrology has an imaginary influence upon your destiny? ***Mark the faces you find and send to me*** **quick with the coupon.**

Proof That Prizes are Paid

Georgia A. Johns
Kentucky

Thousands of dollars have already been awarded to many happy prize winners by Paramount Products, Inc. Mrs. Sophie Griesser, of Penn. won **$4,970.00;** Mrs. Georgia A. Johns, of Kentucky won **$1,987.50;** G. Giebink, of Michigan, won **$975.00** and Edna Mahoney, of Illinois, won **$500.00.** Scores of others have won big cash prizes.

And, now thousands of dollars more, to be paid to prize winners. Think of it! If first prize winner (and prompt) **you will get $2,250.00 all cash** or if you prefer, Buick 8 Sedan and $1,250.00 cash.

This company is reliable. We belong to the Chamber of Commerce of Des Moines. We bank at one of the largest banks in the state of Iowa,—the Central National Bank. The money to pay all of the prizes is already on **special deposit** for that purpose. When you send in the coupon we will send you a picture of prize checks recently cashed by many happy winners.

Robert C. Rick
Pennsylvania

You cannot lose anything. Send in this coupon and we will give you the opportunity to win the $2,250.00 First Grand Prize. Don't put it off until tomorrow. It may be too late. **Do it today---Right Now!**

You will receive the Buick 8 Sedan and if prompt, $1,250.00 cash extra, or if all cash is preferred, you get $2,250.00, if you win first prize according to the plan which the answer will bring.

SEND ANSWER QUICK

Remember, **send not one penny** with your answer. **All you do is now to find ten faces,** if you can and mail the coupon. Send answer right away.

PRIZE MONEY NOW IN BANK

The money to pay every prize is on deposit in the **big, strong Des Moines bank.** Three prominent Des Moines businessmen will see that the prizes are awarded honestly and promptly. Get your share of the $5,000.00 in cash prizes, besides thousands of dollars in special cash rewards. Over 100 prizes in all.

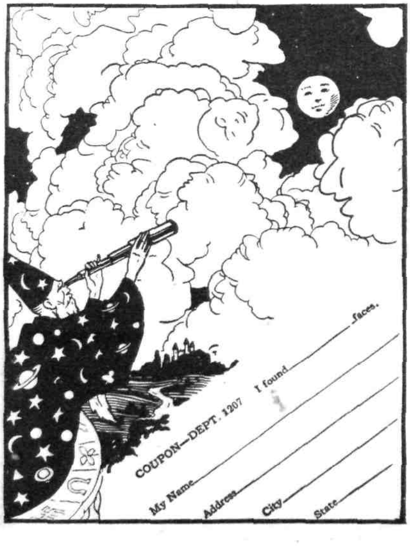
$1,250.00 EXTRA
FOR PROMPTNESS

Hurry! Just mark the faces you find and send with the coupon right away. This gives you the opportunity to win $2,250.00 First Grand Prizes. Someone wins. Maybe you. Mail your answer quick. **Don't delay. Do it today.**

PARAMOUNT PRODUCTS, INC.
Dept. 1207 **Des Moines, Iowa**

Oh boy! what you could do with $2,250.00 cash all at one time. Think of the joy of having the money to provide the better things of life. New clothes, furniture, bills paid, a new home, education, travel, etc. Nothing *hard to do now. But act quick.*

Hurry—mark the faces you find. Just mail the coupon if you can find ten hidden faces. This gives you the opportunity to win the $2,250.00. **Send your answer quick: Don't delay: Mail your answer today.**



$135 a month in EXTRA eggs from 300 hens

"75 eggs a day was all our 300 Leghorns laid before we fed EGG a DAY. Now we get 225 eggs a day."
—Ethel Wohler

Less than 3c worth of EGG a DAY brought her 150 *extra* eggs a day. 15 extra eggs a month per hen! That's how successful poultry raisers make their big money. Why don't YOU?

EGG a DAY
MAKES Hens Lay

It is the world's greatest egg-maker Contains the minerals required for egg-making. No artificial stimulation. Hens soon lay steadily at full capacity. Egg yields often boosted 3 to 4 times. Flock health maintained. 300% profit guaranteed. 25 lb. pail, $2.50, supplies 500 hens 2 months. 12 lb. pkg., $1.25; 5 lb. pkg., 65c. See your dealer or write us.

Get more eggs while egg prices are high.

STANDARD CHEMICAL Mfg. Co.
Dept. 20 John W. Gamble, Pres. **Omaha, Nebr.**
Makers of Reliable Live Stock and Poultry Preparations Since 1886

WE SELL FEEDS THAT BEAR THIS IODINE SEAL

IODINE EDUCATIONAL BUREAU — IODINE CONTENT APPROVED — NEW YORK

Look for this sign when you buy feeds . . .

EXHAUSTIVE TESTS prove that the balancing of high calcium poultry feeds with Iodine produces earlier maturity, higher quality eggs, increased production and lower mortality rates. For your protection and profit, insist that the feeds and minerals you buy bear the Iodine Seal of Approval. It guarantees their proper Iodine content. Iodized feeds and mashes are sold by over 200 manufacturers and their many dealers. Mail a postcard for free instructive booklet today.

IODINE EDUCATIONAL BUREAU
120 BROADWAY NEW YORK CITY

FOR OVER 40 YEARS
Fishel's White Wyandottes

Have layed, won and paid their way through three depressions. Justly conceded to be America's oldest and greatest STRAIN of Wh. Dottes. Plenty of eggs, liveability and vitality to reproduce. The ideal combination egg and meat fowl for the farmer. Also select White and Barred Rocks for the early broiler trade. Baby chicks Dec. 17th. on. Stock for sale. Catalog Free. C. of C. No. 63.

CARL J. CARTER, Successor to J. C. Fishel & Son
Box T, Columbus, Ind.

Incubators

Belle City Incubator Co., Box 167, Racine, Wis. are offering New Type Incubators and Brooders with the greatest improvements made in years. Write for their free catalog and low prices.

HIGH CLASS POULTRY BOOK

48 Standard-bred Varieties, also **HYBRIDS.** Large, vigorous **BABY CHICKS** and **TURKEY POULTS.** All flocks **100% BLOOD TESTED for B.W.D.** Liberal replacement guaranteed for loss. **LOW PRICES** chicks, fowls, supplies, hatching eggs etc. **BOOK FREE.** Be prompt, write at once.

Great Western Hatchery **Box 14** **Salina, Kansas**

Central Edition

Covering:—
Ohio
Michigan
Indiana
Minnesota
Iowa
Illinois
Wisconsin
Missouri

G. G. Sanderson, Contributing Editor

(In order to keep in closest possible touch with our readers Mr. Sanderson makes frequent trips through the states named above collecting news items and editorial matter relating to the poultry industry.)

* * *

December Events

Dec. 1-8, International Livestock Exposition, Chicago, Ill. B. H. Heide, Sec.-Mgr.

Dec. 3-5, Sibley Co. Poultry Assoc., Winthrop, Minn. H. J. Meyer, Sec., Arlington.

Dec. 3-6, Western Iowa District Poultry Association Poultry Show, Manning, Iowa.

Dec. 5-9, Greater Indiana Poultry and Pet Stock Assoc. Show, Indiana State Fair Poultry Bldg., Indianapolis, Ind. Also National Show of Illinois and Central States Waterfowl Breeders' Assoc., in conjunction with Indianapolis show.

Dec. 10, Two Weeks' Poultry School, Dr. Salsbury Labs., Charles City, Iowa.

Dec. 10-13, Four County Fair, Ackley, Iowa.

Dec. 11-14, Poultry Show, Whiteside Co. Poultry Assoc., Coliseum Bldg., Sterling, Ill. Geo. C. Beswick, Sec., Morrison.

Dec. 12-16, Madison Square Garden Poultry Show, New York City. D. Lincoln Orr, Orr's Mills, Cornwall, N.Y., Gen. Mgr.

Dec. 12-16, 44th Annual Poultry and Pigeon Show, La Crosse Poultry Assoc., La Crosse, Wis. J. E. Kircheis, Sec.

Dec. 12-17, Iowa State Poultry Show, Des Moines, Ia. Frank Harris, State House, Sec.

Dec. 14-16, Illinois State Poultry Show, Danville, Ill. H. R. Harms, Sec.

Dec. 27-28, Ohio's Poultry Sanitation School, Ohio State University, Columbus, Ohio.

Dec. 27-29, Putnam-Allen Fair, Columbus Grove, Ohio.

Dec. 28-Jan. 1, St. Louis Poultry Show, staged by Miss. Valley Poultry Assoc., St. Louis, Mo.

* * *

Coming Events

Jan. 8-12, New York Poultry Show, 14th Street Armory, New York City. Fred Otte, Sec.

Jan. 8-13, Poultry Show, Springfield, Ohio, Geo. R. Gordon.

Jan. 9-12, Poultry Show, Kokomo, Ind. Jesse Snyder, R. 2, Sec.

Jan. 18-21, Michigan State Show, Lansing, Mich. James B. Tucker, 1315 Vermont St.

Jan. 21-25, Pennsylvania Farm Products Show, Harrisburg, Pa., J. M. Fry, Sec.

* * *

ST. LOUIS Premium List Ready— Premium lists for the poultry show to be held at St. Louis, Missouri, December 28-January 1, by the Mississippi Valley' Poultry Association, are ready for distribution and already have been sent to virtually every breeder in Missouri, Illinois, Arkansas, Iowa, Indiana, and adjacent states.

Breeders who have not received a premium list are invited to write Chas. Key Cullom, Route 1, Robertson, Missouri.

* * *

SHUMWAY In 65th Year— The R. H. Shumway Nursery, Rockford, Illinois, now in its sixty-fifth year, offers evidence of the amazing advancement in the nursery field.

Such of the Shumway specialties as the *(See page 21)*

Advertising Index on page 28

POULTRY TRIBUNE Vol. 40, No. 12, December, 1934. Published on first of each month at Mount Morris, Ill.

J. W. Watt, Publisher; O. A. Hanke, Editor; J. H. Florea, Associate Editor; G. G. Sanderson, Advertising Mgr.; H. W. Yoder, Adv. Asst.; Chas. Webster, Circulation Mgr.; A. P. Loomis, Supt. Poultry Tribune Experimental Farm; Mrs. E. J. Tilton, Home Dept.

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CEL-O-GLASS
REG. U. S. PAT. OFF. U. S. PAT. 1,580,287 AND OTHERS

GUARANTEED FOR 5 YEARS

Increases WINTER EGG PRODUCTION

YOU increase winter egg production and get stronger shelled eggs when you use Cel-O-Glass because:

1 It keeps laying houses warmer.

2 It admits the ultra-violet rays of the sun.

3 It keeps layers comfortable and in good condition all winter long.

And more than this, Cel-O-Glass is economical to install. Guaranteed for 5 years, it cannot break like glass or tear like cloth.

Use Cel-O-Glass for cold frames and hotbed sash too. Send for free sample and installation blueprints.

ACETOL PRODUCTS, Inc.
Dept. 4M, Wilmington, Del.

ONLY GENUINE CEL-O-GLASS BEARS THIS MARK

WHAT DOES IT COST TO WORM YOUR PULLETS

Just the price of the Iodine Vermicide Merck. • There is no added expense because of loss of growth or loss of egg production. • Use Iodine Vermicide Merck this year and save money. Write for copy of the booklet: "Facts About Iodine"

MERCK & CO. INC.
Manufacturing Chemists
RAHWAY, N. J.

IODINE VERMICIDE MERCK

ILLCO POULTRY EQUIPMENT

"the Best for Less—Always"

For superior value in materials, workmanship, service, ILLCO equipment is unbeatable. A typical unequalled value is this sturdy, 8 gal., valve and float, heated Fountain, complete with stand, only **$6.35**

Stop Winter Egg Slumps

ILLCO Hot Water Heating Systems insure warmth for winter egg production. Brood safely for less money. Systems for every purpose described in Special FREE Heating Manual.

BANDS Every style and size made in our own factory. Double clinch band shown, 100, 75c; 500, $3; 1,000, $5. Specify breed and numbering. *Send for complete Equipment Catalog.*

ILLINOIS SUPPLY CO.
Dept. 42, AURORA, ILL.

C

More Eggs • Greater Health and Vigor • Bigger Profits

— these are the stories coming to us by the hundreds telling of success never before experienced with other Leghorns. Our 100-acre Master Breeding Farm . . . high up in the hills . . . in the invigorating air of the Northland, offers us natural advantages for producing birds of unusual size and vigor, with the winter laying habit bred to the bone.

Hatching Eggs and Chicks

Big, strong, bright-eyed chicks—sired by males from Official Contest hens with records up to 304 eggs each, also Record of Performance cockerels, approved and copper banded by State Inspector. Our hens are all of the big, lopped combed English type, with long, deep bodies, many of them weighing 6 lbs. each.

FREE Don't fail to get our beautifully illustrated 32-page White Leghorn catalog telling the fascinating story of Northland Winter Layers. (Code No. 1031)

NORTHLAND FARM, Dept. T-15, Grand Rapids, Mich.

New Hampshire REDS

Hubbard Farms

REG. U. S. PAT. OFF.

* * * *The Business Man's Bird* **FOR PROFITS!**

BUY DIRECT FROM THE BREEDING SOURCE

We are one of the original and largest breeders of New Hampshire Reds. Our reputation has been built by breeding dependable, *profit-making chicks, advertising them* truthfully, and treating customers honestly.

Hubbard Customers invariably come back year after year. They may not know all the exacting *details of Hubbard breeding*—but they DO know what **perfect satisfaction** is, in buying and raising chicks.

For seventeen years we have carefully bred for eight profit-making Balanced Breeding characteristics in our Reds. No trapnested, pedigreed stock is ever sold. All are used in our breeding work. Every chick we sell is from our own strain, and we have complete control of its breeding. *Every breeding bird officially State Blood-tested.* (Tube Agglutination Method). We guarantee full satisfaction. You are the judge. Adjustments promptly made in cash or replacements, as you desire.

The source of your 1935 chick supply determines your entire year's profits. Before you decide on your chick order this year, get this free 32 page catalog which gives a true description of our New Hampshire Reds and our Balanced Breeding program.

HUBBARD FARMS **Box 184** **WALPOLE, N. H.**

REMEMBER THE 8 *points of* HUBBARD FARMS BALANCED-BREEDING

GRANDVIEW S.C. White LEGHORNS

FROM NATIONAL EGG LAYING CONTEST MATINGS

Our Big FREE Catalog gives you the complete *story of GRANDVIEW* Leghorns. Tells about their contest records and matings. Low Prices. C. C. 153 *Write Today.* *Commercial* Hatchery Dept., **Box 130**

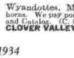
GRANDVIEW Poultry Farm, Inc. ZEELAND, MICH.

BISHOP STRAIN R. O. P. BARRED ROCKS

Acknowledged by Poultry Authorities to be **America's Finest Combination Quality.** Chosen for U. S. Official Exhibits to last two World Poultry Congresses; 5-yr. [illegible] average 235 eggs per bird; big eggs; high production; big body size; R. O. P. supervision; Pullorum clean. Day old chicks, hatching eggs of highest quality for foundation stock or flock improvement, and breeding hens, pullets, pedigreed R. O. P. cockerels and yearling males for sale. Now booking December and January chicks. Code No. 355.

R. WALTER BISHOP ***Box 472*** ***Guilford, Conn.***

THOROBRED · BLOOD-TESTED



BUY OUR MASTER BRED CHICKS from one of America's oldest established firms. Every chick backed by livability guarantee. S. C. Reds, Barred, Buff, White Rocks, Wyandottes, Minorcas, Orpingtons, Giants, Anconas, Leghorns. We pay postage. Hatching weekly. Low prices. Get discounts and Catalog. (C. C. 108.)

CLOVER VALLEY POULTRY FARM, Box 41, Ramsey, Ind.

Mention Poultry Tribune When Writing to Advertisers

'Cussed * ! * !! and Discussed

Opinions expressed here reflect only those of the subscriber whose letter is published. None of this matter can be quoted in advertising or printed literature without written consent of Poultry-Dairy Publishing Company. Poultry Tribune reserves the right to use only parts of letters where necessary to keep them within reasonable space. Address: Cussed and Discussed, Poultry Tribune, Mount Morris, Ill.

". . . Doesn't Even Intimate!"

Your Poultry Tribune like most other poultry magazines and poultry literature doesn't even as much as intimate that eggs are a food and a part of cakes, candies, salads, etc., for which there are numerous new recipes.

When our markets are overstocked with eggs and poultrymen gave away eggs, a column designed to stimulate egg consumption surely would be appreciated. If your company would print an egg recipe book, it would sell and make your subscribers feel that you were contributing something to the relief of the overstocked market. For sometime we have included egg recipes and consumption campaign electros in our hatchery literature so we cannot be accused of not practicing what we preach.—*C. W. N., Iowa.*

(Through the Homemaking Department and the interest of its editor, Mrs. Edith Jenkins Tilton, for the past seven years Poultry Tribune has given more valuable information on the use of eggs than any agricultural magazine. It behooves every member of the industry, whether he be a hatcheryman, poultry raiser, magazine publisher, etc., to boost eggs and poultry. If consumption is increased, prices are bound to strengthen.—Editor.)

"False Writings . . . rehashed articles"!

I am sending you a clipping from a Boston paper. It tells about getting a code for hatcheries. I agree with the writer that something should be done to put the cheap hatcheries out of business. You will say no as you care *nothing about the future of the business, only* to get all the advertisements you can for your cheap paper.

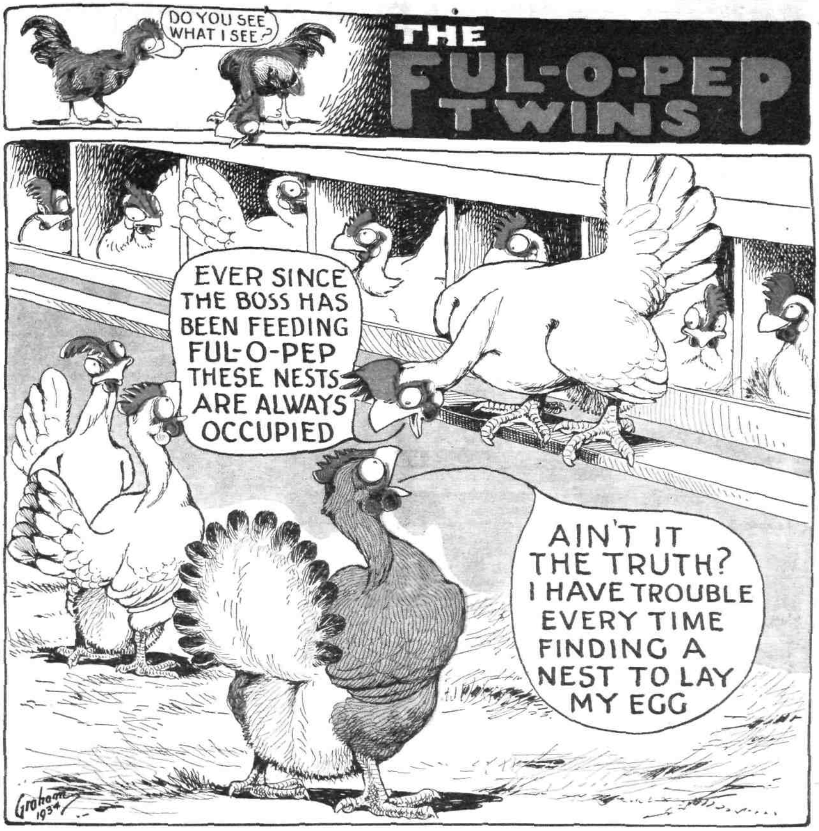
You have no one but yourself to blame as you have hurt the poultry business with your false writings about the big profits and all the rehashed articles that you write about. What we need is to put half the hatcheries out of business and put a set price on all day old chicks and make hatcheries turn out a certain number every year. Now what do you say to this?

Why don't you print this in the *Poultry Tribune and use my name and address? You* are afraid to as it would hurt your paper and you are always afraid to tell the real truth about anything. I was in the poultry business but over production forced me out like thousands of others, and I don't care what you say about me, but of course you will say nothing as this is a letter you cannot answer as you don't know how and never will.—*Nathan Rosenthal, Dorchester, Mass.*

This column is an open forum for our readers. Don't hesitate to use it. We aren't afraid to print both the good and bad things you may say about us.—Editor.

". . . Can't Get Along Without It"

Enclosed is my subscription renewal. I have not been getting your paper of late due to the depression and being short of money, but I just can't get along without it so I simply must get it again. I think it is the best and most wholesome poultry paper printed at the present time. *It looks as though the poultry* business is going to pick up. I hope so anyway. I think our New Deal ought to boost *anything. Well, to tell the truth about it, the* poultry business always was the best yet and always will be.—*B. A. B., Ohio.*



WHEN a hen wants to lay she doesn't want to stand around and wait. She wants immediate possession of a nice vacant nest in which to lay her egg—for you.

Keep her supplied with a feed that will help her produce more big, sound shelled, marketable eggs for you—a feed that will keep her up in good body weight and health while providing an ample supply of the nutritious elements required to maintain high egg production.

Feed her Ful-O-Pep Egg Mash. She needs it. Ful-O-Pep is a uniform, complete, clean feed. It is the Egg Mash that the successful Poultryman uses because he has found that it not only produces eggs but maintains his hens in best laying condition.

Send for the new Ful-O-Pep Book. It tells how to handle laying hens profitably. Sent free if you will fill out and mail the coupon.

QUAKER
FUL-O-PEP
EGG MASH

THE QUAKER OATS COMPANY
Dept. 2-L, 141 West Jackson Blvd. CHICAGO, U. S. A.

Name..

Address..

THIS COUPON WILL BRING YOU THIS NEW 32-PAGE BOOK FREE

Lowest-Priced 1½-ton 6-Cylinder Truck in INTERNATIONAL History

International Harvester now offers by all odds the best value in this popular field, considering *beauty of design, high standards of quality throughout, and operating economy*. A 78.5 h.p. engine and sturdy ALL-TRUCK construction in a truck of ultra-modern style. Inquire of one of our 215 Company-owned branches or of any International Truck dealer. See the new Model C-30 and others of the new streamlined Internationals now on display everywhere. *Better still, try one on your own job.* INTERNATIONAL HARVESTER COMPANY of America, Inc., 606 S. Michigan Ave., Chicago.

INTERNATIONAL TRUCKS

● *Here is the new 1½-ton International Model C-30 with canopy-top express body.*

Egg-A-Torials by O. A. HANKE, Editor

Merry Christmas!

Our best wishes for a happy and joyous holiday season, friends. Busy as we seem to be in this old world in the pursuit of business and chasing dollars, somehow the recurrence of the Christ child's birthday comes as a glad reminder that there should be a little sacrifice, a little more thoughtfulness, a little more consecration.

On my desk today, there is a message from a farm woman, one of our fine subscribers. She writes of children and of some of the articles which have appeared in some magazines about farmers and their children. She says, "We all know that all children are brought into this world without culture. This isn't saying, however, that there isn't an ambition in the heart of every mother to gain for her child the share of culture and refinement it is entitled to in this world. It is that ambition to gain that culture that keeps the world going round, that keeps farm women hoping, working, trying, coming back for more and more, in spite of obstacles, in spite of the unfairness of our whole economic system."

And then she adds, "The message which I should like to leave in every household is this: It's faith, hope and courage that keep farm women on farms, that keep their husbands from becoming discouraged, that keeps the world going round."

And may I add, that these same virtues apply not only to the farmer but to all the rest of us who want to do our little bit to make this old world better.

✓ ✓ ✓

This month Poultry Tribune announces the names of the winners in its Seventh Annual Chick Growing Contest with $1,500 in cash prizes, and also announces the details of its eighth national contest. You will find both announcements very interesting.

✓ ✓ ✓

Study the Trend

What is the economic trend which may affect poultry raisers? Economists at Cornell University tell us that grain prices have been declining since 1855, sheep since 1890, and hay since 1895.

On the other hand, the purchasing power of poultry and dairy products and of fruits and vegetables has risen steadily since 1840. The upward trend in dairy purchasing power has been less rapid since 1895 than it was between 1840 and 1895. Those products which have shown a rising trend in the past many years are apples, potatoes, milk, butter, chickens and eggs. Products that have remained steady are corn and hogs. Those that have shown a falling trend are wheat, oats, barley, beef cattle, sheep and hay.

Farming is a long time business, these economists point out. And they add, "The farmer to be successful should study his business with the long-time point of view."

✓ ✓ ✓

A Fighting Front

Every year the need for a better organized poultry industry becomes more apparent. Poultry producers have their own problems. For that reason, all poultry raisers should be knitted together in one large, powerful organization with enough money to fight industry problems.

Referring to this subject, W. D. Termohlen, chief, poultry unit, AAA, said recently in addressing the Northeastern Poultry Producers Council, "I am convinced that the poultry industry is its own worst enemy. I say this in all sincerity and with as much kindness as possible. Time after time we could have gone forward if we had had the support of the industry. But group attitudes and selfishness cropped out, and we gained probably only a few inches. This effort of improving the situation of the egg and poultry industry might be likened to a war or a football game. Without team work and cooperation even the best of plans will not bring victory. If the entire country had an active organization of producers as you do, and also included were marketers of poultry products, there would be a possibility of going places much faster, but today we advance so slowly that often we feel we are only marking time."

This is an observation which has been made very frequently in Poultry Tribune.

The most recent need for industry organization became apparent when the reciprocal tariff agreements with the nations of the world were re-opened in Washington to see if our export trade can be regained. In an early issue, Poultry Tribune will propose a solution to this problem. In the meantime we will be glad to have sugestions from poultry producers.

✓ ✓ ✓

Hungry Mouths!

A chart clipped from a daily newspaper just a few days ago shows that the cost of a market basket of groceries is now the highest in three years. Fortunate it is that our government is trying adequately to care for all its citizens. Those who cannot find work are placed on relief rolls. If it were not for this condition, we might well conclude that our higher farm prices would bring more hungry mouths in our large cities this Christmas season.

Poultry Tribune, published monthly in the interest of 400,000 progressive poultry raisers, contains many advertisements which feature the new products of manufacturers. You are invited to patronize these reliable firms which offer feed, remedies, equipment and stock.

"ROSELAWN HAS NOW IMPORTED MORE OF MY FINEST BIRDS AND FOR MORE CONSECUTIVE YEARS THAN ANY OTHER BREEDER IN THE STATES"

Big-Type English

ROSELAWN

S.C. White Leghorns

First Choice of Commercial Egg Farms Where Every Hen Must Produce a Profit

Our constantly increasing sales of Roselawn Chicks and Hatching Eggs to the large commercial egg farms in the leading market centers can have only one explanation—*Slackers are not tolerated on the efficiently operated poultry and egg farm*—and slackers are seldom to be found among Roselawn big type Leghorn flocks. ROSELAWN PULLETS NOT ONLY LAY EARLY, BUT LONG AND PLENTIFULLY. For 14 consecutive years, the choicest breeders from the famous Tom Barron Poultry Farm at Catforth, England, have been imported direct—and blended with sturdy Roselawn birds to produce the best results under our own American climatic and marketing conditions!

Advanced in Quality But Not in Price

Regardless of conditions, the Roselawn breeding program carries on, setting new high standards for breeding requirements, new records for high production in the official egg-laying contests and new standards for greater poultry profits to our customers. Yet, by ordering early, you can buy your Roselawn chicks or hatching eggs for spring delivery, at NO INCREASE over 1934 prices, and in some cases, even lower.

Roselawn Strain Meets These High Standards

1 Vigor and Livability

Healthy range conditions and ideal housing, when coupled with a scientific, specialized feeding program, give the sturdy progeny of Roselawn matings the right start. With ordinary handling, Roselawn chicks will reach maturity full of vigor, and ready to satisfy every expectation for long-continued egg production.

2 Big, Chalk-White Premium Eggs

Roselawn's early reputation in commercial circles was built with the big, smooth-textured, chalk-white eggs which were soon in demand at a premium, by leading hotels and the most aristocratic customers in Dayton and Eastern centers. The same profitable quality appears wherever Roselawn pedigreed hens are put to the test by discriminating purchasers.

3 Long Laying Life

Claims of extraordinarily high egg records may prove deceptive, if pullets of succeeding generations lack the vitality and endurance necessary for continuous production. Roselawn pullets possess the correctly balanced breeding which lengthens life, maintains stamina, and insures long, productive careers.

SEXED CHICKS

WARNING! Read Roselawn's New Booklet, "The Truth About Chick Sexing," before you invest in baby pullets or cockerels. The *question of just how profitable sexed chicks really are,* is thoroughly analyzed, including their historical background and final costs. We leave it to you to decide which method of selection will be most profitable with ALL THE FACTS before you. IF YOU WANT SEXED CHICKS, WE HAVE THEM, BUT DON'T BUY SEXED CHICKS FROM ANYONE UNTIL YOU HAVE RECEIVED THIS BOOKLET—IT'S FREE.

Nearly 400 Contest Awards. Over 600 Letters of Satisfaction This Past Year

To win nearly 400 Official Egg-Laying Contest Awards in the last four years is an enviable record, but to receive over 600 letters from our customers just in the past year expressing their complete satisfaction with Roselawn Leghorns can only mean one thing. These people are making more money with their Roselawn Leghorns than any other breed or strain they have ever had. You can do the same by having Roselawn Leghorns in your laying house.

TOM BARRON

World Famous English Breeder

—From a snapshot taken at Tom Barron's Poultry Farm, Catforth, England, by W. J. Tibbals, while helping in the selection of Barron breeding cockerels for shipment to Roselawn.

BIG DISCOUNT on Chicks and Eggs Ordered in December

In addition to our low chick and egg prices for 1935 we offer an attractive liberal discount for all orders placed before Dec. 31st. You will never make a more profitable investment than to place your order now for Roselawn chicks or eggs. Delivery date guaranteed and we protect you fully against any price increase, later in the season. Tear out the attached coupon and write us immediately as to your needs.

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W. J. TIBBALS, *Owner and Manager*

ROUTE 10*A* DAYTON, OHIO

References—Dun and Bradstreet, or any Dayton Bank. Code Compliance Certificate No. 213

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☐ Also Send Your New Booklet, "The Truth About Chick Sexing".

Liberal Discount offer for early orders.

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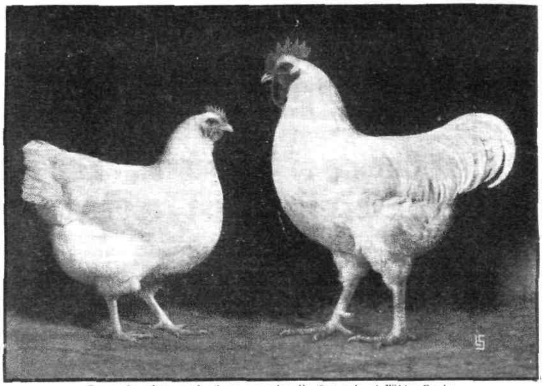
White Rocks

by L. A. STAHMER
Poultry Artist and A.P.A. Judge

Information and description to help the breeder

THE AMERICAN Poultry Association was organized sixty years ago for the purpose of standardizing the color and shape of the various breeds of poultry in existence at that time in this country. When we look back over those long years and note the various breeds that are no longer recognized or have become obsolete for lack of publicity or genuine quality, we must confess that those old breeds that are still in great demand at this time, must have had exceptional quality to enable them to survive the critical demands of the public and fanciers of the world.

White Plymouth Rocks are one of these breeds. Although they were not admitted to the Standard of Perfection *until 1888, they were bred as far back* as 1875 and exhibited for the first time at the Bangor, Maine Show in 1876 under the name of White Plymouth Rocks by Mr. Oscar Frost, who claims *to have been the originator of the breed.*



Composite photograph of an exceptionally fine pair of White Rocks.

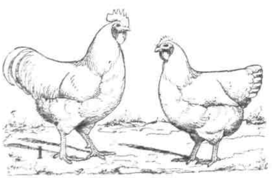
This is the first of a series of *articles on the more popular* breeds of poultry. Watch for the next one in January.

According to available data his birds were sports of the barred variety and perfected by him through selective breeding. As is usually the case, when somebody produces something worth while, others want to "chisel" in on the glory. Among other breeders, Mr. W. P. Woodward claimed that he exhibited a pair of birds a year before Mr. Frost showed his. There were other breeds of similar shape in existence at the time White Rocks were being perfected and there was keen rivalry between the White Javas, White Dirigos and White Bristols, but for a lack of publicity they soon fell by the wayside, and it is said that many of these flocks became White Plymouth Rocks over night.

WHITE Plymouth Rocks are considered one of the best market fowls in the Chicago wholesale poultry market *—the largest in the world.* They always bring top prices. As a farmer's dual purpose fowl they are not excelled by any breed. They mature fast and are good all-year layers. One of the *early high egg records was made by the* White Rock hen "Lady Show You" laying 292 eggs at the Missouri State contest in 1911. White Plymouth Rock pullets begin to lay at five months. They *lay brown shelled eggs of good size and* quality. White Rock capons grow to very large size and are considered "the best what am."

BREED CHARACTERISTICS—The desired Standard Weights are 9½ lb. for cock, 8 lb. for cockerel, 7½ lb. for hen and 6 lb. for pullet. Their comb is single, not too large, of firm construction and fine texture. Earlobes red. Eyes red. Shanks yellow free from stubs and feathers. Skin yellow. Legs not too close together and in proper position to balance the body.

Most commonly found defects—In order to save space we show several defects in some of the illustrations, however, they are seldom found at the same time in the birds. Too high on legs (Fig. 4). Legs set back too far, causing the birds to lean backward or forward to balance themselves (Fig. 5). Neck too thin and long (Male Fig. 4). Head too small and fine for size of body (Male Fig. 4). Too short in body (Fig. 4). Body *(See page 15)*



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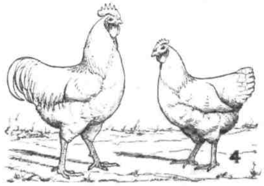

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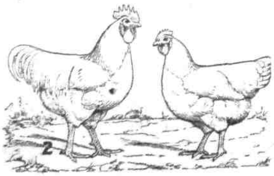

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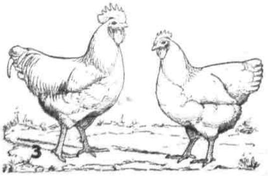

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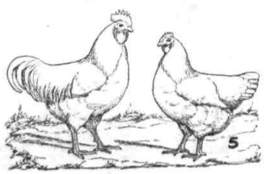


5

Winners!

in Poultry Tribune's $1500 Chick Growing Contest

by J. H. FLOREA
Contest Manager

HERE THEY ARE! These 201 poultry raisers have received the $1,500 in cash prizes offered in *Poultry Tribune's 1934 (seventh) National Chick Growing Contest.*

Making the final selection was not an easy job. Although the first prize entry was easily agreed upon by the judges, the high standard of many of the other entries made careful consideration necessary. Each of the judges spent many hours making his selections.

Sectional Winners

Todd L. Gibler
Central

Clarence E. Swab
Northeast

Jennie Hall
Southwest

J. W. Longacre
Southeast

Edwin Johnson
Pacific

Gilbert R. Horton
Northwest

It is with great pleasure, then, that Poultry Tribune has sent a check for $150 to O. F. Knowlton, Skowhegan, Maine, first prize winner; $100 to Mrs. John A. Johnson, Sabina, Ohio, winner of second prize; and $50 to Cortez M. Overton, Durham, North Carolina, third prize winner.

The first three prize winners in each section who received $25, $15 and $10, respectively, follow:

Northeast Edition: Clarence E. Swab, Elizabethville, Pa.; Carl D. Rosbach, Forksville, Pa.; R. C. Schwalm, Watertown, N.Y.

Central Edition: Todd L. Gibler, Robinson, Ill.; Mrs. Fred Heller, Mt. Comfort, Ind.; George Pitts, Fairmount, Ind.

Southeast Edition: I. W. Longacre, Miami, Fla.; Carl W. Moore, Archer, Fla.; Mrs. Anna F. Moore, Sarasota, Fla.

Southwest Edition: Jennie Hall, Madison, Mo.; Mrs. John Perrenoud, Humboldt, Kans.; Mrs. A. W. Rhodes, La Junta, Colo.

Northwest Edition: Gilbert R. Horton, Jamestown, N. Dak.; Mrs. Gordon F. Lowe, Herman, Nebr.; Leonard LeVries, Steamboat Rock, Ia.

Pacific Edition: Edwin Johnson, Canoga Park, Calif.; H. A. Clark, Bancroft, Idaho; Mrs. C. K. Joines, Rathdrum, Idaho.

The following won $5 prizes:

Raymond B. Ladd, Stratford, Conn; *Elwood C. Hillegass,* Zionsville, Pa.; *M. J. Stafford,* Rita, W. Va.; *Charles D. Henry,* Reedsville, W. Va.; *Fred P. Laskey,* Houlton, Maine; *B. C. Lytle,* Trough Creek, Pa.; *Harry M. McMillen,* Homer City, Pa.; *Paul C. McKinney,* Morgantown, W. Va.; *Windom T. Durst,* Barton, Maryland; *Mrs. G. H. DeBarr,* Ten Mile, W. Va.; *H. A. Campbell,* Barnesboro, Pa.; *Paul Morrison,* Matawan, N. J.; *John Laurel,* Wharton, N. J.; *J. E. Johnson,* Greensburg, Pa.; *Henry Little,* Crum, W. Va.; *Glen E. Thompson,* Charleston, W. Va.; *Mrs. Floyd Larabee,* Mooers, N. Y.; *Leonard G. Arnett,* Buckhannon, W. Va.; *James W. Bayley,* Fayette City, Pa.; *Mrs. Albert M. Gonsalves,* Fairhaven, Mass.; *A. G. Meinhardt,* Coraopolis, Pa.; *Carter L. Faust,* Fairmont, W. Va.; *J. P. Danowsky,* Lewisburg, Pa.; *Mrs. J. Irvin Forbes,* Bedford, Va.; *Mrs. A. Tracy Wilbur,* East Killingly, Conn.; *John Wolf,* Ripley, N. Y.; *S. J. Hunter,* Washington Pa.; *Mrs. Ransom Young,* Drums, Pa.; *Harlan A. Blair,* Lebanon, N. Y.; *John P. Miller, Jr.,* Ambler, Pa.; *Allen P. Hovis,* Wilkinsburg, Pa.; *A. G. Glenn,* Heilwood, Pa.; *Carroll Cartwright,* Andover, N. Y.; *G. W. Steele,* Beaver Falls, Pa.; *Mrs. Edmond Chenade,* Somers, Conn.; *Tate C. Sellers,* Tuckerton, N. J.; *James H. Austin,* Albion, N. Y.; *R. M. Parkinson,* Dryden, N. Y.; *Mrs. George M. Hey,* Penn Yan, N. Y.; *Magee Brothers,* Lancaster, Pa.; *Joseph Suhan,* East Pittsburgh, Pa.; *W. M. Gordon,* Salem, Va.; *Andrew Stewart,* Etna, Pa.; *Mrs. Wm. G. Foss,* Pelham, N. H.; *G. G. Banks,* Richmond, Va.; *Frank C. Gunderloy,* Pasadena, Md.; *Mrs. Wm. A. Bick,* Glenshaw, Pa.; *Peter V. Yarger,* Bristol, Pa.; *A. E. MacKissic,* Elverson, Pa.; *M. H. Ungrich,* Rhinebeck, N. Y.; *Albert H. Rohring,* Hilton, N. Y.; *Ralph G. Parsons,* Montoursville, Pa.; *F. Victor Perkins,* Hinsdale, N. H.; *Miss Mary Wine,* Mt. Sidney, Va.; *Samuel B. Young,* Glen Lyon, Pa.; *Jerome Merkel,* North Bend Rd., Cheviot, Ohio; *Mrs. J. P. Lane,* Poland, Ohio; *Mrs. R. D. Rankin,* Toledo, Ohio; *Amos Klipstine,* Versailles, Ohio; *Fred D. Sanford,* Niles, Ohio; *George McKibben,* Goldengate, Ill.; *Mrs. Hope James,* Tyner, Ind.; *L. D. Burrows,* Stamping Ground, Ky.; *J. V. Persing,* Maumee, Ohio; *Fernando Helson,* Sycamore, Ill.; *Hubert Mohr, Jr.,* Warren, Ohio; *Frank Wiggins,* Newcomerstown, Ohio; *Mrs. E. B. Wright,* Alton, Ill.; *Wm. H. Murphy,* Dayton, Ohio; *Mrs. Robt. Mather,* Richwood, Ohio; *Chas. S. Billman,* Woodsfield, Ohio; *Stephen Free,* Wellington, Ohio; *Fred W. Kehr,* Collinsville, Ohio; *Mrs. Willie Ison,* Hillsboro, Ohio; *Lee R. Stoddard,* Downers Grove, Ill.; *Roy E. Poland,* Indianapolis, Ind; *Mrs. Chas. Grandlienard,* Bluffton, Ind.; *Mrs. Frank Borchers,* Freeport, Ill.; *Mrs. Olive Shaw,* Elmwood, Ill.; *J. A. Davidson,* Columbiana, Ohio; *Hubert A. Guisinger,* Canton, Ohio; *Stanley G. Smith,* South Range, Wis.; *Hilda Byre,* Bourbon, Ind.; *Mrs. Kenneth P. Cleveland,* Selma, Ind.; *Marcus Grantz,* Moline, Ill.; *A. C. Salisbury,* Ripley, Ohio; *Frank Galus,* Rosebush, Mich.; *Ella S. Cohrs,* Homewood, Ill.; *Gilbert Evans,* Wheatland, Ind.; *G. B. DeJarnett,* Paint Lock, Ky.; *Albert R. Swatek,* Frankfort, Ill.; *Ernest Neitzel,* Eau Claire, Wis.; *Mrs. John J. Daley,* Walkerton, Ind.; *Mrs. R. E. Fissel,* Galena, Ohio; *Charles E. Sarles,* Hesperia, Mich.; *Mrs. Josephine Decker,* Battle Creek, Mich.; *Mrs. Bell Storm,* Joliet, Ill.; *Gilbert C. Walls,* Gomer, Ohio; *Donald Nealson,* Herrin, Ill.; *Mrs. Wm. F. Cook,* Brookville, Ind.; *Mrs. Ida Bachofen,* Alliance, Ohio; *Mr. and Mrs. Russell B. Price,* Van Wert, Ohio; *C. E. Ross,* Niles, Mich.; *Wm. F. Laser,* Clarendon Hills, Ill.; *Kenneth Hodgers,* Rockville, Ind.; *R. S. McKinney,* Manistique, Mich., *LeRoy A. Miller,* Fort Wayne, Ind.; *James W. Girvin,* Peoria, Ill.; *Rev. O. D. Wellbaum,* Farmersville, Ohio; *Anton Kenel,* Reese, Mich.; *Mrs. J. F. Liddle,* Lockwood, Ohio; *Mr. William Moir,* North Olmstead, Ohio; *Mrs. Dora M. Reynolds,* Camby, Ind.; *Mrs. L. T. Robinson,* Exeland, Wis.; *Mrs. Wm. Odell,* Sadorus, Ill.; *W. A. Morris,* Elkton, Ohio; *Abraham Bashore,* Bradford, Ohio; *Henry A. Howe,* Monroe, Mich.; *John C. Gerth,* Milwaukee, *(See page 15)*

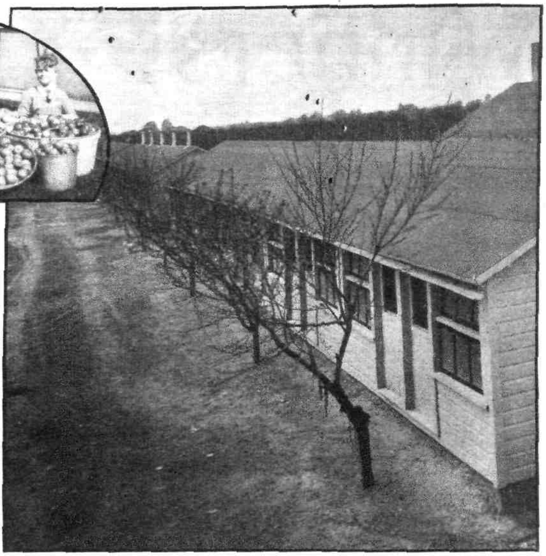
National Winners

Oscar F. Knowlton
1st Prize—$150

Mrs. John A. Johnson
2nd Prize—$100

Cortez M. Overton
3rd Prize—$50

Many of the largest poultry farms feature both fruit and poultry. The combination works very well together.



Certainly—Fruit and Chickens

by **M. G. KAINS**
PT Horticultural Editor

ONLY one kind of fruit growing does not combine well with poultry raising—cranberry culture! Why? Because this fruit is grown on land that can be easily flooded so as to kill insect enemies. How about ducks and geese, eh? You would bring that up! Well, I ask, how many duck and goose raisers have conditions that favor cranberry growing and how many cranberry growers would ever think of keeping any kind of waterfowl? Now, it's your turn! No, let's arbitrate and agree that ducks, geese, turkeys and guineas, though poultry, are for specialists and let's confine our discussion to chicken production for eggs and meat.

Yes, I'll have to admit that chickens will eat strawberries and all the ripening raspberries, dewberries, blackberries and grapes they can reach, but whose fault is it if they do? Why not fence them away during such times? If permanent fences are not wanted, temporary ones will do, or the fowls may be kept in their yards without discomfort or harm while the fruit is ripening.

The only other objection I can think of against combining poultry with fruit growing is that if chickens are once allowed to roost in trees during summer or autumn they will continue to do so when the weather becomes cold. But why let them form this habit? Some of mine insisted upon roosting about forty feet from the ground in a huge cherry tree. But I insisted more strongly by clipping one wing of each, after which they realized the advantage of joining the more sensible members of the flock in the civilized quarters I provided.

HAVING met the main objections, let's look at some of the advantages. After newly set strawberry plants have become established, chicks in pens alongside or in the patch may be allowed to forage for bugs until they are noticed to be damaging the plants nearest to their pens by scratching. Then they must be removed to colony houses or elsewhere. During the following spring, reasonable numbers of laying stock may be allowed to range in the patch until fruiting time approaches, but they must be removed when the earliest berries begin to color so as to prevent losses of fruit.

While bush berry plants and grape vines are small—during the first and second years—chickens of all ages may be allowed to roam at will among them. During these two years the plants are not large enough to provide shade or, usually, to yield fruit; but from that time forward they make excellent foraging range for half grown chicks, pullets and breeding stock both before and after the fruit ripening periods. While the fruit is ripening they must be kept elsewhere. The birds benefit by the shelter and the plants are helped by the destruction of insects and the manure. In order to distribute this manure evenly, the colony houses should be well scattered and be moved at intervals of perhaps a week.

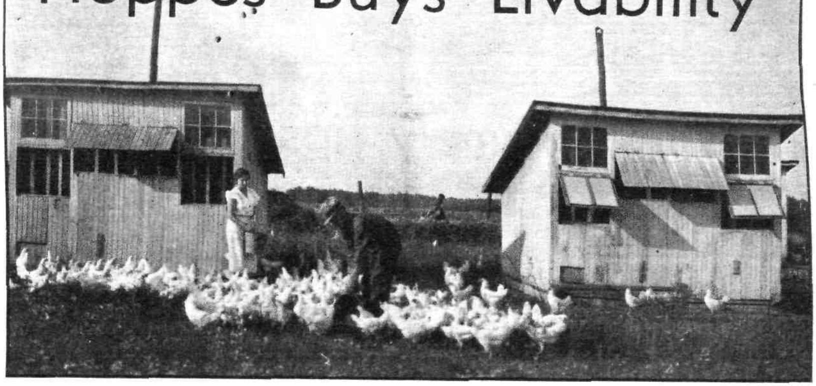
NOT ONLY does tree fruit growing combine better with chicken raising than does any branch of small fruit production, but also it has several advantages which they lack. For instance, at no time are chickens likely to do any damage to the trees (unless it be by attempting to roost in them while they are small).

Even when the trees are newly planted they are set so far apart that only the one or two nearest the poultry yard or colony house runs the remote risk of being chosen as dusting headquarters and even such possible damage may be easily prevented by placing obstructions—bits of boards, wire fencing, metal or flat stones—around the few trees so exposed during the first season. But the ground will normally be kept loose by cultivation so even this precaution will rarely be necessary.

Poultry Tribune subscribers who want specific advice on fruit growing are invited to write our Service Department which will have the letters answered by a fruit growing expert.—Ed.

Chickens will also destroy countless insects that fall from the trees to the ground either direct or in prematurely ripe fruit from which they crawl out to pupate. The birds will doubtless consume some of this prematurely ripe fruit, especially of plums, peaches, and cherries. But since most of it is unfit for human use it has *(See page 15)*

Hoppes Buys Livability



Not first cost of chicks but production record counts with this Indiana couple

Mr. and Mrs. Hoppes feeding pullets on range. These birds are all out of hens that have behind them at least 4 years of profitable egg laying.

by **W. J. TIBBALS**

THE DIFFERENCE between profit and loss of modern day poultry operations oftentimes hinges on the matter of livability. Baby chicks that live and grow reduce the cost of the resulting pullets. And pullets that live out their first laying year and can be kept for additional profitable laying, will save the poultryman considerable on the cost of flock reproduction, and, at the same time return larger egg income.

As we approach the 1935 chick buying season this report of the experience of a chick buyer should be especially interesting to all PT readers.—Editor.

In substantiation of these claims, let us examine for a few minutes the table accompanying this article. In one case there is illustrated the poultry raiser that requires only two and one-half day old chicks for each good pullet housed. Because of good livability, he can keep a considerable number of his layers as long as four years under profitable production.

In this instance, paying 15 cents for his chicks and having a raising cost of 40 cents per pullet, a man with such livability spends $348.25 over a four year period in order to start 300 layers every fall.

On the other hand, there is illustrated the poultry raiser who requires three day old chicks for every good pullet housed. This man further experiences a pullet mortality of around 25 per cent during the first laying year, and then has to cull down to one-half the original number on the hens he keeps a second year. Such a poultryman further finds that three years is the maximum laying life.

IN such a case, with a chick cost of only ten cents and the same raising cost of 40 cents a pullet, this man spends $675 over a four year period in order to start his 300 layers every fall.

Now just for flock reproduction alone, this one poultryman pays $81.68 more each year because of lack of livability. But the difference does not end here. Pullets that die do not produce eggs. Consequently, as the table also shows, the flock with poor livability over the same four year period will produce 1,223 less dozens of eggs than the other. If these are calculated at 20 cents a dozen, the total amount is $244.60 or $61.15 yearly, an additional toll exacted by poor livability.

This annual egg loss, added to the greater flock reproduction cost, makes a yearly total of $142.83 that 300 layers must first compensate, before profits as large as on the good livability flock can be realized. This figures 48 cents a bird, which is quite a handicap imposed by poor livability, and *(See page 17)*

Losses Sustained By Poor Livability

NOTE: Figures used herein are based on starting 300 laying birds every fall. Number of old hens retained, pullet mortality, and number of chicks required are from actual records kept by two poultry raisers. The cost of chicks was 15 cents each for the good livability flock and 10 cents each for the poorer flock. Over a four year period flock A chick costs were less, cost of raising new pullets was less and egg production was greater.

	Year	*Number Chicks*	*Cost of Chicks*	*Raising Cost New Pullets*	*300 Layers Started*		*Dozens of Eggs Produced*
					No. Pullets	*No. Hens*	
Flock A With Good Livability	1st	750	$112.[illegible]0	$150.00	300	0	4,500
	2nd	65	$ 9.75	$ 13.00	25	275	4,225
	3rd	80	$ 12.00	$ 16.00	32	268	3,987
	4th	100	$ 15.00	$ 20.00	40	260	3,800
Totals		995	$149.25	$199.00			16,512
Flock B With Lower Livability	1st	900	$ 90.00	$180.00	300	0	3,937
	2nd	450	$ 45.00	$ 90.00	150	150	3,828
	3rd	450	$ 45.00	$ 90.00	150	150	3,762
	4th	450	$ 45.00	$ 90.00	150	150	3,762
Totals		2250	$225.00	$450.00			15,289

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● **If you would like to save disagreeable work, prevent the spread of disease, and encourage your birds to lay more eggs this Winter, cover and insulate your floor with *Emblem-Protected Peat Moss*. It has so many advantages over less absorbent, fire-inviting, disease-gathering straw, hay, or shavings.**

Besides, when you are ready to clean out your houses, Emblem-Protected Peat Moss is of even greater value—a complete and much-desired fertilizer that readily sells for as much as 50 cents per bushel. Emblem-Protected Peat Moss is sold under various trade names, but the triangular inspection certificate on each bale guarantees these advantages:

1. ***Matchless in quality—comes from the world's finest peat bogs.***
2. **Completely aged—Nature's contribution to better absorbency.**
3. **Proper density that insures long life—does not dust quickly.**
4. **Expertly refined, carefully inspected for uniformity, shipped in tightly pressed bales.**

Get our booklet giving full facts why *you should use Emblem-Protected Peat Moss*—the superior poultry litter. You will find this valuable booklet interesting and instructive. Clip and mail the coupon for your copy today.

PEAT MOSS

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Please send your free booklet, "Quality Peat Moss Poultry Litter." I am also checking other Peat Moss folders that particularly interest me.

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☐ Peat Moss for Winter Mulch.
☐ *Peat Moss for Lawns and Gardens.*
☐ Facts about Peat Moss.

P.T.-12-34

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Timely Tips

Based on experiences at PT Experimental Farm at *Mount Morris, Ill.*

by **A. P. LOOMIS**
Sup't PT Experimental Farm

JUST AS MY grandmother (and no doubt yours, too) used to lay kindling in the parlor stove ready for a match if distinguished guests were seen approaching, so are the stoves in both of our large laying houses prepared at this writing. Past experience, particularly in this northern climate, has taught me to expect a sudden, as well as tremendous, drop in temperature at this season of the year. A drop of 40 to 50 degrees in 24 hours is not unusual.

A. P. Loomis

It's really a "grand and glorious" feeling to know that when winter does strike, by applying the match and more fuel, our egg production will go right on without the loss of an egg. The heating units, both of which are hot water systems, are adjusted to keep room temperatures of about 45 degrees F. One unit heats a house 24 by 100 feet in size and the other unit heats a 20 by 104 foot house. There are 4,480 square feet of floor space in these houses and almost 30,000 cubic feet of air to be heated.

* * *

THERE ARE A lot of other advantages in a house that never reaches the freezing point. Water pipes and fountains need no more attention than in summer; eggs never freeze in the nests; there is never an accumulation of frozen droppings; the litter stays dry, giving cleaner eggs, and requiring less frequent changing; better room ventilation results with no colds or roup.

All ready for the spring brooding season. This is brooder house row at Poultry Tribune Experimental Farm.

* * *

ONE OF THE worst cold weather problems in an unheated house is to supply an adequate amount of drinkable water. By drinkable, I mean not too warm, and not ice cold, and particularly not frozen over entirely, as often happens. To those who have electric current, the most convenient thing I know of is one of the many water warmers now available, particularly one that is thermostatically controlled, the current remaining off unless water gets below about 50 degrees F. Then there are thermos fountains which maintain warmth

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TIRE USERS by the thousands all over the U. S. A. vouch for the LONG, HARD *SERVICE*, under severest road conditions of our standard brand Tires reconstructed by the ORIGINAL SECRET YORK PROCESS. OUR 18 YEARS IN BUSINESS makes it possible to offer tires at LOWEST PRICES in history with 12 month guarantee.

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BALLOON Tires

Size Rim	Tires	Tubes
29x4.40-21	$2.15	$0.85
29x4.50-20	2.35	0.85
30x4.50-21	2.40	0.85
28x4.75-19	2.45	0.95
29x4.75-20	2.50	0.95
29x5.00-19	2.85	1.05
30x5.00-20	2.85	1.05
28x5.25-18	2.90	1.15
29x5.25-19	2.95	1.15
30x5.25-20	2.95	1.15
31x5.25-21	3.25	1.15
28x5.50-18	3.35	1.15
29x5.50-19	3.35	1.15
30x6.00-18	3.40	1.15
31x6.00-19	3.40	1.15
32x6.00-20	3.45	1.25
33x6.00-21	3.65	1.25
32x6.50-20	3.75	1.35

CORD Tires

Size	Tires	Tubes	Size	Tires	Tubes
30x3	$2.25	$0.65	32x4½	3.35	1.15
30x3½	2.35	0.75	33x4½	3.45	1.15
31x4	2.95	0.85	34x4½	3.45	1.15
32x4	2.95	0.85	30x5	3.65	1.35
33x4	2.95	0.85	33x5	3.75	1.45
34x4	3.25	0.85	35x5	3.95	1.55

HEAVY DUTY TRUCK TIRES

Size	Tires	Tubes	Size	Tires	Tubes
30x5	$4.25	$1.95	36x6	9.95	3.95
34x5	4.25	2.00	34x7	10.95	3.95
32x6 (8)	7.95	2.75	36x8	12.45	4.25
32x6(10)	8.95	2.75	40x8	15.95	4.95

ALL OTHER SIZES

SEND ONLY $1.00 DEPOSIT with each tire ordered. ($4.00 deposit on each Truck Tire.) We ship balance C.O.D. Deduct **5 per cent** if cash is sent in full with order. **ALL TUBES BRAND NEW—GUARANTEED.** Tires failing to give 12 months' service replaced at half price. ORDER NOW!

DEALERS WANTED

YORK TIRE & RUBBER CO., **Dept.3218-A**
3855-59 Cottage Grove Ave. **Chicago, Ill.**

New Invention Match Light GENERATORS

Our generators fit 80 makes or models. Stop buying new *generators all the time. Ours are* **GUARANTEED 2 YEARS. 35c EA. PPD.** Mark above kind wanted replaced or state make of light. Light instantly. No needles to replace. Make your light like new. Do away with all generator troubles. More light. Less gasoline. Mantles last longer—Do not blacken. If generator isn't shown above, send your direction sheet. We will **return it with** your order. **FREE circular.**

MANTLES

MADE OF WOOD FIBRE

Do you have trouble with your mantles cracking or falling off easily?
Send **10c** for sample. **Guaranteed strongest mantle made.** Fits all makes gasoline, kerosene, air-pressure lamps-lanterns. State if you have 1 or 2 mantle fixture. **2 for 20c; $1.00 per doz. for 2 *mantle* lights; $1.20 per dozen** for 1 mantle light. Prepaid.

Makes Hens Lay More Eggs

NEW LANTERN-HEATER

Use our combination **300 Candle Power Lantern-Heater.** Makes coop light as sunshine. Increases coop temperature 20 degrees. Regulate light high or low. Holds half gallon fuel. Burns 24 hours with one filling gasoline or kerosene. *Gasoline-Kerosene Lamps, Lanterns, Heaters, Flat Irons,* Oil Burners. **Free circular. Agents Wanted.**
PIEPGRAS LIGHT CO., 312 Powers Bldg., Tinley Park, Ill.

SENSATIONAL NEWS— Sensational PRICES for 1935!

SEXED · STARTED · & DAY OLD **CHIX**

Do you want the "inside" facts about Sexed Chicks? If so,

Send for FREE Catalog Telling About SEXED CHICKS

as produced by Rusk Farm. Eye-opening facts everyone should have before buying. Rusk guarantees 90% accuracy! Chicks either sex you desire—pullets or cockerels—any straight-run pure breed, 90% correct, or money refunded on chicks not true to sex. 14 popular varieties—including Buff Minorcas, Jersey White Giants—the two NEW rare, sensational money-making breeds. Our 10th consecutive year B. W. D. Testing (Stained Antigen Test). 2 Weeks-Old-STARTED Chicks. We ship C.O.D. $1 books order. **Write NOW for our BIG, MONEY-SAVING CATALOG. FREE! RUSK POULTRY FARM, Box 4226-N, Windsor, Mo.**

WALCK CHICKS

Hatched from pure bred, healthy, vigorous heavy laying breeders. Write for prices.

Box P, **L. R. WALCK HATCHERIES** Greencastle, Pa.

all day or night, but, of course, they must be filled with rather warm water. Many have good success with lamp heated fountains.

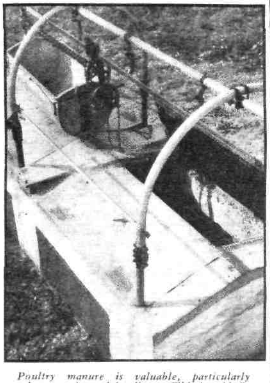
* * *

PERHAPS YOU WOULD like a standard of production by which you could measure your pullets during the coming year. The following table is one compiled from five years averages in egg production from the Connecticut Home Egg Laying Contest records. The production in any individual flock, of course, will vary somewhat from these figures, but it offers a good guide for comparison.

November, 5, December, 7, January, 9, February 12, March, 18, April, 19, May, 20, June, 18, July, 17, August, 15, September, 13, October, 7. Total for the year, 160.

* * *

TO SECURE an even flow of eggs throughout the year, many poultrymen like to start an early brood of chicks. Pullets hatched in



Poultry manure is valuable, particularly when peat is used for litter. This is a bird's eye view of one of the manure storage pits at Poultry Tribune Experimental Farm. When the fertilizer is kept dry, most of the essential elements are preserved.

January or February begin laying early in the summer and lay during the late summer and fall when egg prices are high. Their eggs are larger and will usually get top prices at that time. Even though they may take time out for a light molt in the fall, they make up for it in number of large eggs laid during the high price period.

* * *

DON'T NEGLECT a supply of shell making material for your birds. Hens in high production must have plenty of oyster shells, limestone, or other shell making material, or they simply cannot keep on laying. If a bird has nothing with which to make the shell, the egg can never be completed.

It costs only about three cents to supply a hen's need for a whole year, so nothing is gained by not providing sufficient oyster shell. Furthermore, it pays to buy a good grade. The better grades cost only a few cents per hundred pounds more than the cheapest, while the lower grades may contain varying percentages of waste and foreign matter and may be packed in insecure bags. The better grades contain all pure oyster shell flake with but a minimum of waste due to chipping.

* * *

CHICKEN POX often breaks out in unvaccinated flocks about this time of the year.

Once it makes its appearance, there is no specific cure, although vaccination at the very beginning of the outbreak may prevent its spreading to all of the birds and may tend to reduce the virulence of the outbreak.

Anointing the head parts which are affected with carbolated vaseline may be somewhat beneficial. The important thing is that if you have fowl pox in your flock this winter, it is best to resolve now to vaccinate your young birds next summer.

926 National Egg Contest Awards

Prove the Laying Ability of

THE STOCK BEHIND

Booth Chicks

ROYAL W. BOOTH

At the World's Fair, Chicago, 1933—the largest International Laying Contest ever held—Booth Farms had highest pen for number of eggs and Championship trio of pens in both eggs and points.

In the past six years, in competition with the best breeders from every part of the United States, our birds have won 926 Awards, Cups and Ribbons at National Egg Laying Contests, including U. S. Champion Leghorn hen for 1930-33; U. S. Champion Red Hen 1931, and highest average production of any breeder entering 10 or more contests.

All of these hens were raised on our own Breeding Farm and from our own blood lines. Thousands of their sisters are used in our AAA Matings.

Over 10,000 Poultry Raisers Order *BOOTH CHICKS* Each Year for GREATER PROFITS

The thousands of our customers who re-order Booth Chicks each year, do so because they have found Booth Farms to be THE place where year after year they can obtain dependable, egg bred, easily raised chicks at prices that mean substantial savings and where high quality is always uniform.

G. W. Taylor
Florida

Ten Times as Many Eggs

"I have bought chicks from 5 other poultry farms that claimed to have good chickens and paid much more for them than I did for yours, but the other chickens do not lay like yours do. Today from 150 pullets of other stock I got 11 eggs and from 200 Booth pullets, same age, I got 165 eggs. I am clearing $4.40 a day above feed costs on them. The ones I got from you last year averaged 216 eggs per bird for 12 months. Some of them laid over 300." G. W. Taylor, Bishopville, Fla.

Mrs. Ingle
North Carolina

Barred Rocks Laying 50% at 5 1-2 Months.

"I have 50 of the prettiest pullets you ever saw, from the 100 chicks I ordered from you in February," says Mrs. T. P. Ingle of Asheville, N. C. "Most of them are as large as my year-old hens in the next run. I found my first eggs when they were 4 months and 20 days old and each day they are increasing in their output. They are laying about 50 per cent and are only 5 months and 10 days old. I expect to sell eggs from them for hatching next year."

A *Real* Breeding Farm

For 18 years we have maintained a central Breeding Farm on which we have kept thousands of hens continually under trapnest to obtain accurate family pedigree records for breeding purposes. By this method we have been able to develop a large number of outstanding hens and extraordinary males to use in our breeding program.

By keeping all their offspring in our breeding flocks, we have intensified the desirable qualities of health, egg production and quick growth in our strains and have developed what we believe to be the greatest amount of high quality breeding stock owned and controlled by any one poultry farm.

BIG DISCOUNTS *on early orders*

SAVE MONEY by taking advantage of our present low prices and big discounts on early orders. $1 books order and reserves shipping date. Balance C. O. D. if desired.

FREE *Catalog*

10 VARIETIES $6.90 Per 100 up

Tells about our breeding methods that increase poultry profits. Gives full contest records and pedigrees and shows actual photos of our farm and high record breeders.

TEAR OUT COUPON

BOOTH FARMS
Box 972, Clinton, Mo.

Please send copy of New 1935 Catalog.

Name__________

Address__________

City__________ State__________

BOOTH FARMS and HATCHERY

Box 972 CLINTON, MO.

SWEETENS STOMACH GENTLY (CONTAINS NO SODA)

Delightful Mint Relieves Gas.. Heartburn..Sour Stomach..Quick Relief for Millions

PHYSICIANS have warned against treating acid indigestion with harsh, raw alkalies—the tumbler and spoon method. Strong, water-soluble alkalies, taken in excess, may turn the stomach juices into an *unnatural* alkaline condition—actually arresting digestion!

TUMS free you from this danger. They act as an acid "buffer." The scientific explanation of TUMS is that it acts *gently*—just enough of the antacid compound is released to counteract *over*-acidity. When your heartburn or sour stomach is corrected—the balance passes on inert and undissolved, without affecting the blood or kidneys.

Try TUMS. Munch 3 or 4 when distressed. Millions have turned to this gentle, *effective treatment*—it's quite likely you will, too. 10c at all druggists. 3-roll carrier package, only 25c.

Free 1935 Calendar-Thermometer, beautifully designed in colors and gold. Also samples **TUMS** and **NR.** *Send stamp for postage and packing to* A. H. LEWIS CO., Dept. 28-TMM, St. Louis, Mo.

TUMS FOR THE TUMMY

TUMS ARE ANTACID . . NOT A LAXATIVE

HANDY TO CARRY

For a laxative, use the safe, dependable Vegetable Laxative **NR** (Nature's Remedy). Only 25 cents. **NR**

PLYMOUTH CARS FREE!

ALSO 394 CASH AWARDS

FOR FUR SHIPPERS

Let *Sears* act as your agent, helping you to get *full* market value for your furs. In addition, you may earn a FREE Plymouth Sedan or one or more of 394 cash awards in *Sears* 6th National Fur Show! FREE new "Tips to Trappers" booklet explains all. **MAIL COUPON NOW!**

Mail to point below nearest to you:
Chicago—Philadelphia—Kansas City
Memphis—Dallas—Seattle

75P241

SEARS, ROEBUCK and CO.

Please mail me, without cost or obligation, fur shipping tags and latest edition of "Tips to Trappers."

Name..................................

Postoffice.............State..........

Rural Route...........Box No. ....

Street Address..........................

75P241

POULTRY WIRES *for all purposes*

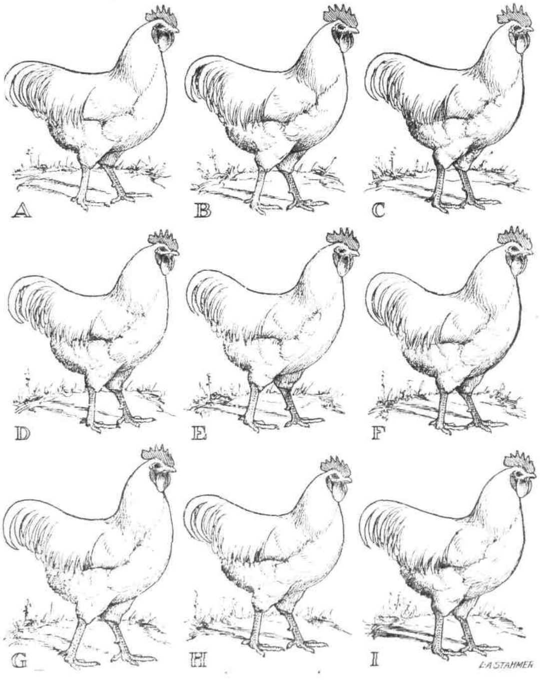
Full line of highest grade wire fabrics and supplies at low cost. Crown's electric welded wire for feeding fences illustrated. Buy direct —save. Catalog free.

CROWN IRON WORKS CO.
1371 Tyler St., N.E., Minneapolis, Minn.

$25 Judging Contest!

HERE is a new contest for Poultry Tribune subscribers. It is the first in a series of four or five.

Pick the five best White Rock males and give your reasons on the coupon below. Give short reasons like . . . "fine type, head a little coarse." The *awards will be as follows: First prize, $8; second $5; third $2, and 10 awards* of $1 each. Letters must be postmarked not later than Dec. 31, 1934. Duplicate prizes in case of tie. A prominent American Poultry Association judge will decide the awards. His decision will be final.



Mail This Coupon or Copy on a Postal Card!

POULTRY TRIBUNE JUDGING CONTEST, Mount Morris, Ill.

I placed the above birds as marked for the following reasons: (Place the first five)

1. ( ) ....

2. ( ) ....

3. ( ) ....

4. ( ) ....

5. ( ) ....

White Rocks

(from page 8) too deep (Fig. 1). Back too straight, body oblong in shape (Fig. 2). Main tail feathers not coming together at top, causing main sickles to drop in between (Fig. 3). Roach or curved back (Female Fig. 3.) Head too large and coarse (Fig. 3). Other defects not illustrated are: knock knees, brassy color in males, black spots in plumage, narrow bodies, flat breast, white in earlobes, feathers and stubs on legs, split wings.

Winners! . . .

(from page 9) Wis.; *Homer Detrow*, Leetonia, Ohio; *Clair Bunn*, Leipsic, Ohio; *Mrs. Fay Kessinger*, Lafayette, Ind.; *B. G. Armstrong*, Dayton, Ohio; *Lawrence G. Miller*, Waverly, Ohio; *Raymond Jeffries*, Millersburg, Ohio; *Rev. W. C. Schaefer*, Dale, Wis.; *Robert D. Plummer*, Maderia, Ohio; *Mrs. Frank I. Giffin*, Mr. Gilead, Ohio; *Chester L. Reinhart*, Naperville, Ill.; *Mrs. and Mrs. Clarence Griffin*, Hubbard, Ohio; *Mrs. Lee Jacke*, Slaughters, Ky.; *Mary Williams*, New Castle, Ind.; *Melvin A. York*, North Georgetown, Ohio; *Rudolph Paukowski*, Ashtabula, Ohio; *Elmer Phail*, River Rouge, Mich.; *Mrs. A. F. Goldner*, Decatur, Ind.; *W. D. Humbert*, Canton, Ohio; *Nettie J. Shanahan*, Big Pine, Fla.; *C. P. Holbrook*, Lincolnton, N. Car.; *Mrs. Loyce H. Newport*, Puryear, Tenn.; *Mrs. A. J. Bean*, Crestview, Fla.; *James A Young*, Dinsmore, Fla.; *Peter P. Berezny*, Dinsmore, Fla.; *C. T. Bohanan*, Conyers, Ga.; *C. E. Black*, Holt, Fla.; *R. L. Hartsfield*, Bartlett, Tenn.; *C. Q. Birdsong*, Bogart, Ga.; *Lehman Griffin*, Enterprise, Ala.; *W. G. Laatsch*, Birmingham, Ala.; *Miss Vera York*, Red Boiling Springs, Tenn.; *Mrs. E. M. Dietrich*, Junction City, Kans.; *Mrs. L. E. Curry*, Winchester, Kans.; *John L. Neill*, Gila, N. Mex.; *August C. Rovenstein*, Basil, Kans.; *Mrs. Murray Hall*, Madison, Mo.; *John D. Vos*, Mena, Ark.; *Fidelis O'Brien*, Albuquerque, N. Mex.; *R. A. Selph*, Cold Springs, Okla.; *James H. Reid*, Parkville, Mo.; *Louis F. Martinez*, Las Vegas, N. Mex.; *Mrs. Z. Anderson*, Canadian, Tex.; *Mrs. J. T. Doyle*, Shelbina, Mo.; *Essie L. Holmes*, Clifton City, Mo.; *Hattie Flesher*, Jasper, Mo.; *H. B. Massie*, Grinnell, Kans.; *Mrs. A. S. Watson*, North Little Rock, Ark.; *Mrs. Myrtle Erwin*, Fouke, Ark.; *Mrs. H. W. Moon*, Newton, Kans.; *R. L. Culley*, Oklahoma City, Okla.; *Mrs. O. L. Lindgren*, Bladen, Neb.; *Mrs. Elbert O. Hanks*, Anoka, Minn.; *Mrs. H. E. Harms*, Barneston, Neb.; *Joseph F. Floral*, Florence, Neb.; *Thomas Wicks*, Kanawha, Iowa; *Mrs. Arthur J. Pegor*, *Winnebago*, Minn.; *Albert C. Timm*, Muscatine, Iowa; *Mrs. Helen Timmins*, Des Moines, Iowa; *Mrs. R. E. Moore*, Inman, Nebr.; *Earl Chase*, Prescott, Ariz.; *Ida M. Riddle*, Pocatello, Idaho.

The judges and Poultry Tribune staff wish to extend their congratulations for the fine records made, to all of the poultry raisers who took part in this contest. Many commented in their letters that through its inspiration and guidance they had been more successful in raising their chicks this year than ever before, and that alone was worth many times the little extra time that it required to take part in the contest.

That, after all, is the aim of the contest. We realize that not every one who takes part in it can win a cash prize, but if it has encouraged and helped you to raise a higher percentage of your chicks and to raise better chicks, we feel the contest has been worth while.

We hope everyone who entered the contest in 1934 will send in an entry again in 1935, and encourage others to enter. After all, it can add a lot of zest to the sometimes dreary task of chick raising if we decide we're going to compete with chick raisers from all over the United States.

Fruit and Chickens

(Continued from page 10) no domestic or market value. On the other hand, the birds will benefit by the added variety to their diet.

PERHAPS the greatest advantages tree fruits present to the chicken raiser is the shade which trees older than two years provide. But this is obvious.

Such being the mutual advantages of fruit growing and poultry raising the question naturally arises as to who should combine the two. At the risk of being accused of bias (due to my upbringing and established mode of living) I may say my opinion is that the commercial egg producer should disregard the advice to "put all his eggs in one basket and then watch that basket" and that the commercial fruit grower should not adapt that dictum to his business, but that the

Bargain Offer! POSTPAID

GENUINE WEATHERPROOF UNBREAKABLE

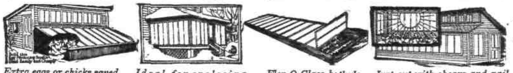
FLEX-O-GLASS

NOW ONLY **25c** A Square Yard

For 10 yards or more (formerly 50c a yard)

Remnants from large rolls sent to dealers—Fresh and New

3, 5 and 10 yard Cuttings—1 yard wide—GUARANTEED



Extra eggs or chicks saved pay for this Flex-O-Glass Scratch Shed in a few days. *Ideal for enclosing porches, health rooms, covering screen doors, etc.* *Flex-O-Glass hotbeds grow plants quicker and much stronger.* *Just cut with shears and nail on barn, chickencoop, hog house and garage windows.*

Here's your chance to buy genuine Flex-O-Glass, the best, strongest, most durable Ultra-Violet Ray filter made, for half its regular price. Here's your chance to put Flex-O-Glass in your poultry house windows, hotbeds, on your screened porches and screen doors or to replace glass windows in your house, garage or barn—at a big saving. The Flex-O-Glass offered at 25c a yard is fresh and new, fully guaranteed in every way. The only difference between this and the Flex-O-Glass sold at twice the price, is the length. Comes only in 3, 5 and 10 yard lengths, which are the left-overs from longer cuttings from our standard rolls. The supply is limited. Order today.

Lets in Healthful Ultra-Violet Rays

Gives hens June sunshine full of egg-making Ultra-Violet Rays, all winter long, while prices are high.
Transforms porch into a warm, dry, sunlit health-room in which to work, read, rest—or ideal children's winter playroom. Saves fuel and doctor bills.
Keeps baby chicks warm and healthy indoors. Prevents rickets (weak legs) diseases and deaths.
Better than plain glass on Hot-Beds. Scatters light. Approved by thousands of users and all leading authorities. Just cut with shears and nail on ordinary window frames at one-tenth the cost of glass, wherever light, warmth and health are needed. Lasts for years.

USE IT 30 DAYS AT OUR RISK

Don't wait! Don't hesitate! Our stock of these 3, 5 and 10 yard lengths at 25c a yard is limited. Order now while the supply lasts. Enclose check or money order for number of yards wanted. We pay the postage on ten yards or more. If your order totals less than ten yards add 3¢ per yard for postage. Your money back if not satisfied. You take no risk. 24 hour service. Free book "Prevention of Poultry Diseases" comes with your order.

FLEX-O-GLASS MANUFACTURING COMPANY
1451 N. Cicero Ave., Dept. 32, Chicago, Illinois

Mail This Guarantee Coupon Now

FLEX-O-GLASS MFG. CO., Dept. 32
1451 N. Cicero Ave., Chicago, Ill.

Find enclosed $.......... for which send me .... yards of Flex-O-Glass 36 inches wide, by prepaid parcel post. If I am not absolutely satisfied after using the Flex-O-Glass 30 days I may return it and you will refund my money without question.

Name ....

Town .... State ....

KILLS ALL the LICE and Feather Mites

"Black Leaf 40" does a thorough job in cleaning up lice and feather mites. It eliminates the expense and wasted time in unsuccessful applications.

"Black Leaf 40" kills adult body lice and feather mites and young lice as they hatch out. Under normal conditions, young lice hatch in a week to ten days. "Black Leaf 40" contains plenty of nicotine in stable form and there will be enough on the roosts to kill young lice as they hatch for days.

A drop on the back of the birds' necks kills head lice. • Genuine "Black Leaf 40" is sold only in original factory-sealed containers. Be sure you get the "genuine" to assure full strength. Sold by dealers everywhere. **Tobacco By-Products & Chemical Corp., Incorporated, Louisville, Kentucky**

5434

Also "Black Leaf" WORM POWDER

"Black Leaf" Worm Powder is an effective, inexpensive way to kill poultry Roundworm. Mixed in the mash, one dose does it. No toxic effect on the birds. 100 bird size sent postpaid for 75c and your dealer's name. If you prefer individual dosing, use "Black Leaf" Worm Pellets made from the Powder. 100 sent postpaid for 85c Each package of Powder contains a few Pellets for birds off feed.

"Black Leaf 40"

Rusk's WHITE GIANTS *Largest Chicken That Grows*

New **RARE BREED PAYS SENSATIONAL PROFITS**

NOW—A New money making Opportunity for poultry raisers. Jersey White Giants—the chicken that makes enormous market fowl, laying BIG eggs. High breeding PROVED by enviable records at Egg Laying Contests.

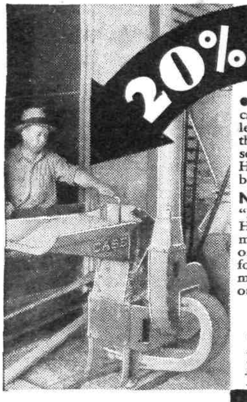
Amazing Profits from Capons, Broilers and Breeding Stock One customer, J. F. Boye, Kansas, writes he sold all the cockerels for breeding purposes at from $1.00 to $3.00 each! Sold all his eggs to hatcheries from Jan. 8 to April 1st, at 47c per doz. and from April 1st to Sept. 15th at 33c per doz., and eggs on local market were 8c most of the time! Sold 4,350 doz. eggs during the 8 months! Think of it!

Most Desirable Qualities Richer, more delicious meat than turkeys, sell for more money than turkeys, easier to raise, can be grown on cheaper feed. Mrs. W. T. Sharp writes, "Received 3c per dozen premium over Grade A price for our eggs. It is seldom I find an egg weighing under two ounces." White Giant Chicks SEXED if desired—make wonderful capons.

Write for FREE Catalog Write now for full information about Jersey White Giants—one of the rarest, biggest money making breeds. Raise a flock, sell eggs and chicks to your neighbors for big prices. The supply is small—the demand big. A rare opportunity. Write today. Address

RUSK FARM, Dept. 7226-N, WINDSOR, MO.

20% More Feed



Grinding Makes It Go Farther

● Now, as never before, feed crops have to be carefully utilized. Practical poultrymen have learned by experience that a Case mill enables them to grind and prepare their feed mixtures so that flocks make greater and faster gains. Homegrown feeds can thus be utilized to far better advantage and economy.

New Case Mill Sold on Easy Payments

"It's the biggest little mill I've ever seen," says Harry P. Edwards. "Recently I saw another mill operated by a 15 h.p. engine grinding only about 35% of what I grind." You can pay for a Case feed mill in easy monthly installments. A Case quickly pays for itself bringing out maximum nutrition values, thus saving feed.

FREE *Folder!*

Tells all about the perfectly balanced hammers... oversize bearings, fan and shaft... and many other features in Case hammer feed mills. Send for copy today. Address J. I. CASE CO., *Dept. M-115, Racine, Wis.*

77 MODERN FARM MACHINES

Regardless of what your needs may be, you get more for your money in Case machines, in modern features and longer life. See your Case dealer or write for booklets.

CASE

BAGBY CHAMPION LAYERS

GEO. BAGBY JR.

BAGBY layers continue to prove their superior egg production. Our hens, by reports just received from Official Government Egg Laying Contests, made the highest record ever made in 23 years at the Missouri Contest—5 hens laying 1,436 eggs. At Michigan, our hens made the highest monthly record ever made in the history of Contest. At Texas, we had 2nd highest pen. At Georgia, Florida, *Oklahoma and Illinois, our hens also made outstanding records—50 hens at these contests laid 11,370* eggs for 12612.25 points. All eggs averaging 25.13 ozs. per Doz. This being the largest egg size record, for 50 hens, made by any breeder in all 1934 U.S. Contests whose hens ave. over 200 eggs per hen. These outstanding records together with our Championships won in past years prove conclusively the profit making qualities of our breeding stock.

DISCOUNTS ON EARLY ORDERS Even though we have made these outstanding records and have improved our flocks each year with our Champion hens, we are continuing our LOW PRICE POLICY TOGETHER WITH OUR EARLY ORDER DISCOUNTS. This, we believe, makes Bagby Chicks AMERICA'S GREATEST BABY CHICK VALUE.

SEX GUARANTEED CHICKS

If you want either pullet or cockerel chicks (90% Guaranteed) why not get them from a breeder whose stock has been Officially proved. WHY TAKE CHANCES—50 Bagby pullets, many times, outlay 100 pullets of unknown breeding at one-half the upkeep cost.

$6.30 per 100 up

10 BREEDS—FREE CATALOG

BAGBY POULTRY FARM Box 600 SEDALIA, MISSOURI

Get More Eggs in Winter This Easy Way!

IF you would like to get more eggs from your hens this winter, you are urged to try this easy way of making layers out of loafers. You simply add 1% Animal-Poultry Yeast Foam to any good mash, ferment and feed. Users report that fermented mash increases egg production as much as 300%!

"My hens are laying three times as many eggs as they were. I will never be without your yeast as long as I raise chickens," says a Maryland poultryman. "My 100 White Leghorns getting fermented mash laid from 75 to 85 eggs all through the cold weather." (Texas) "The yeast I got from you in November was great. My 120 Buff Orpingtons were laying only 12 to 15 eggs a day. In January I was getting as high as 78 eggs a day!" (Illinois) Scores of other users, some with as many as 10,000 birds, report equally amazing results. Fermented mash should do just as much for your flocks.

4-lb. box of Animal-Poultry Yeast Foam, enough for fermenting 300 pounds of mash, only $1 at your dealer's. Or sent anywhere in U. S. A. on receipt of check or money order. Write for *free* copy of new book, "Practical Feeding Facts," written by nationally known poultry expert. Northwestern Yeast Co., Dept. E, 1750 N. Ashland Ave., Chicago.

SEX-LINK CHICKS

Sensational new development lets me guarantee 90% to 100% sex accuracy. Our method is rapid, accurate, no injury to chicks, both *pure-breeds and cross-breeds* Get prices on day-old pullets or day-old cockerels.

SEX ACCURACY GUARANTEED!

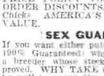
Send for free sex-link book! State if interested in cross-breeds or sexed pure-breeds. Profit by our experience. Send postal for my free book! Compliance number 83.

GHOLSON'S HATCHERY, Box 1, McLeansboro, Ill.
P. S. Ask about our Min-Leg. cross.

STRAWBERRIES PAY

Allen's 1934 Berry Book Tells How. Describes Catskill, Dorsett and Fairfax, the Most Valuable New Varieties. Copy FREE. THE W. F. ALLEN CO., 265 W. Main St., Salisbury, Md.

52 BREEDS **WONDERFUL POULTRY BOOK**



BERRY'S Hand Selected **BABY CHICKS** and **TURKEY POULTS**, also **Started Chicks** and **Mature Fowls**; 52 Breeds, all Iowa Inspected; Pullorum Tested. Also **Super-X Hybrid** Pullets or Cockerels. **NEW COLOR BOOK FREE.** *Lowest prices and Golden Rule service.* **BERRY'S HATCHERY,** Bx 119, **Clarinda, Iowa**

poultryman should have a fruit garden large enough to supply his family and guests with all the fresh fruit, jams, juices, jellies, preserves, conserves, *et al, ad infin, ad libitum* that each member can put where it will do the most good, and that the fruit grower should keep enough fowls to lay the essential foundation of omelets, souffles, angel and other cakes to say nothing of "eggs in any style," chicken a la king, a la Maryland, or a la any other sovereign or potentate, country, dominion, state or province!

As to the "general farmer" and the owner or renter of "a small place," of a country estate or a suburban property, all the advantages mentioned apply, together with these additional ones: that "table scraps" will help to feed the chickens instead of being wasted, and that far finer fruit may be grown in the home fruit garden than can ever be bought in the stores or markets or from hucksters, *provided choicest varieties are planted for* this purpose.

Disinfecting Torches Have Many Uses On Poultry Farm

In disinfecting brooding quarters for use next spring, one of the organisms hardest to destroy is that which causes coccidiosis.

Since it has been found at Johns Hopkins University that the oocysts which cause coccidiosis were destroyed in three seconds when exposed to a temperature of 176 degrees F.,

Disinfecting battery trays with Super-Heat at Arndt Demonstration Farm.

the use of a disinfecting torch or fire gun has become quite widespread.

These disinfecting torches will generate a *heat of around 2,000 degrees F., which in*stantly destroys the oocysts.

The torches can be used for disinfecting brooder houses, sunporches, wire floors, battery brooders, range shelters, and laying houses, as well as equipment used in them. Care should be used to go over all of the surface carefully and slowly. In disinfecting wood surfaces, naturally, care should be tak*en to prevent fire, although the force of the* blast from the torch tends to prevent fire. It is wise to have a bucket of water handy, but if the house has been well cleaned before the torch is used and reasonable caution is used, there is little danger.

Of course before any disinfectant, whether chemical or fire, is used, the house must be thoroughly cleaned for no disinfectant can be effective in dirt and filth.

Another popular use of disinfecting torches is for the destruction of weeds. Green weeds can be destroyed by this means with less danger of fire than when dry weeds and grass are burned. These torches have many other uses wherever portable heaters are required.

Surviving fourteen (14) cyclonic Kansas summers and winters, the Mrs. Methuselah of chickens still lives. She is a big, black hen—"Biddy" by name—residing on the William Hadley homestead, Bellville, Kansas. Biddy has grown old gracefully, and although excused from punching the time clock, she occasionally lays an egg.

* * *

Government Inspector *(to Housewife): "Are you in any manner, shape or form, affiliated with any reform organization or party?"*

Housewife: *"Yes. I'm married to a certain party who thinks he can convert a broody hen."*

Hoppes Buys Livability

(Continued from page 11)

it is often the difference between profit and loss.

Now we go to the home of Ralph Hoppes, an Indiana poultry raiser. Here you will find a seven year record of good livability identical with the tables' figures.

After being married in 1928, Hoppes gave up his trade as an electrician and started his poultry work on the farm of his wife's father. This couple were novices in poultry raising and one of the first things they did was to subscribe to Poultry Tribune. Baby chick advertisements in this publication were carefully studied, and their first baby chicks were ordered from one of these advertisers.

"Many of the neighbors thought me a bit off," relates Hoppes, "when they learned of this chick order. The price I paid to get good chicks was thought too high. The idea of chickens being the sole source of income for our family was considered ridiculous, all of which combined to bring visitors and curiosity seekers to the farm in droves that first year.

"But we tended to our knitting and raised those chicks as Poultry Tribune advised. That fall we wintered 300 fine pullets and their first year they produced 60,244 eggs. We made a net profit of $1134, for egg prices were high in those days.

"The next year we had 275 yearling hens from these pullets which we thought would prove profitable to keep. They justified our judgment by producing 52,313 eggs. These same hens again laid profitably their third year and a few over 200 of them again proved profitable for a fourth year lay."

THEN Hoppes was asked about the leaner years that followed. Egg prices have not always remained at the high level of his starting years.

Here is the answer as Hoppes gave it—"Yes, eggs went lower. At one time our local market was paying only five cents a dozen. But we never sold at such low quotations because our premium outlet held good. Then too, you must remember we were cashing in splendidly during the off years on the fine livability of our birds. The cost of raising so many of our hens was over and paid for before low egg prices hit.

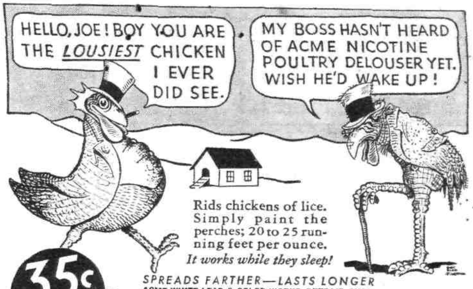
"There never has been a year, when our poultry didn't finish with a profit. We run our family on our poultry money as the corn and hogs and other things on the farm belong to Mrs. Hoppes' father. You can see where we would be if the chickens didn't pay."

WELL, anyone that can make chickens be the sole source of income for a family for seven consecutive years, through good times and lean, must know his way about when it comes to poultry raising. And here is the Hoppes' recipe for such success.

"If all poultry raisers would buy potential income, instead of looking at it as a matter of just buying so many chicks, everyone of them could make money. Because we paid a price high enough to get chicks of good breeding, we obtained good profits. Every year we have been able to sell breeding cockerels. Our eggs have been of large size and excellent quality, commanding premium prices and these additional incomes help more than a lot of people realize.

"And that long distance laying ability has brought in the number of eggs, too. Do you realize how many eggs those first 300 hens returned to us during their first four years of laying? Well, our records show it to be 187,912 eggs or an average of 626 eggs for each of the original 300 hens over the four years. That is what I mean by buying potential income. Just look at the egg money that was returned to us from our first investment. We have found all additional purchases of chicks from this same breeder to be the same long distance layers and I am convinced from this that the ability to lay a number of years profitably is a breeding problem the same as is large numbers and large size of eggs."

So from the proving ground of actual experience—from Hoppes' seven years of making good—comes the sound advice of starting off with good chicks. For chicks bred for a lot of eggs, large eggs and the ability to lay profitably over a number of years, offer that potential income that Hoppes recommends. And such chicks keep away the losses that poor livability is stealing annually from the pockets of poultry raisers.



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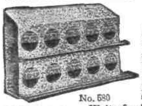

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by J. H. FLOREA

Service Department

Pullets Won't Eat Whole Corn

I would like to ask why my pullets won't eat corn. I use the hopper method of feeding and feed cracked corn and also have tried to feed whole corn, but they don't seem to care for the whole grain.—H.G., Ill.

Answer: Your birds probably will not eat corn simply because they have not been used to it. Birds seem to eat quite a bit by habit, and since yours have become used to eating cracked corn, they probably prefer it to the whole grain. If you keep giving them whole corn, in addition to the cracked corn, they probably will learn to eat it in time. In future years, it would be advisable to begin feeding the whole corn while they are younger, so they will be used to it by the time they are put in the laying house, if you intend to feed whole corn to them then.

* * *

What Is Best Type of Floor?

I should like your opinion as to the best type of floor for a poultry house. Particularly, I should like to know whether any successful houses have used tar or asphalt for flooring purposes.—G.S., Pa.

Answer: We believe that in the average poultry house a concrete floor is most satisfactory. We have no knowledge of asphalt alone being used for a floor. Floors of asphalt concrete have been tried at the Michigan Agricultural Experiment Station and found reasonably satisfactory in farm buildings.

* * *

When Is An Egg "Fresh"?

How long is an egg fresh after it is laid?—J.R., Maine.

Answer: The term "fresh" as applied to eggs is becoming more and more to mean a condition rather than age. Egg laws in some states prohibit the use of the word "fresh" or similar words unless eggs meet a definite standard. For instance, in New Jersey, to be called "fresh" the air cell must be one-eighth inch or less in depth, localized, regular; the yolk may be dimly visible; the white must be firm and clear; the germ must show no visible development. Age of the egg makes no difference, and it would depend entirely upon how the eggs had been handled as to whether they would meet these requirements or not. Eggs which have been quickly cooled and kept cool might grade as fresh for a period of weeks, while those which have not been properly handled might not grade as fresh more than a day or so. The specific requirements may vary in different states.

* * *

Meat Or Eggs More Profitable?

I am starting in the poultry business this year, and am wondering whether it would be most profitable to specialize in production of market eggs or in the production of market poultry. Do you have any information on this?—H. G., Ill.

Answer: A summary of the demonstration farm records of 363 flocks in Missouri, for the year ending October 31, 1933, showed that 75 per cent of the poultry income was derived from eggs and only 25 per cent from the sale of fowls.

On 42 commercial farms in the same state, only a little more than 15 per cent of the poultry income was derived from fowl and about 85 per cent from the sale of eggs.

From this, it would seem that it would be best to rely on the sale of eggs for the major portion of your income. Of course the exact percentage from each phase will depend largely upon your market.

These figures do not mean that the sale of poultry should be neglected, however, for the production of good poultry does help increase the income, and sometimes may mean the difference between a profit and loss.

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29x4.40-21	$2.15	$0.85
29x4.50-20	2.35	0.85
30x4.50-21	2.40	0.85
28x4.75-19	2.45	0.95
29x4.75-20	2.50	0.95
29x5.00-19	2.85	1.05
30x5.00-20	2.85	1.05
28x5.25-18	2.90	1.15
29x5.25-19	2.95	1.15
30x5.25-20	2.95	1.15
31x5.25-21	3.25	1.15
28x5.50-18	3.35	1.15
29x5.50-19	3.35	1.15
30x6.00-18	3.40	1.15
31x6.00-19	3.40	1.15
32x6.00-20	3.45	1.25
33x6.00-21	3.65	1.25
31x6.50-19	3.60	1.35
32x6.50-20	3.75	1.35
34x7.00-20	4.60	1.65
34x7.00-21	4.60	1.65

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32x4	2.95	0.85
33x4	2.95	0.85
34x4	3.25	0.85
32x4½	3.35	1.15
33x4½	3.45	1.15
34x4½	3.45	1.15
30x5	3.65	1.35
33x5	3.75	1.45
35x5	3.95	1.55

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30x5	$4.25	1.95
32x6-8 ply	6.95	2.75
32x6-10 p.	7.95	2.75
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34x7	9.95	3.25
36x8	11.45	3.95
40x8	13.25	4.15

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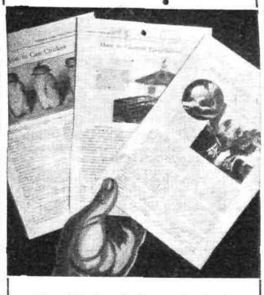

The following leaflets and circulars which have been prepared to aid our readers may be obtained by addressing the Service Department, Poultry Tribune, Mount Morris, Ill. If you wish, you may clip this notice and check those leaflets that you want, sending along the postage indicated. *Don't forget to give your name and address.*

- ☐ **No. 1, How to Control Round Worms and Tape Worms in Poultry with list of worm remedies**—*6 cents in stamps.*
- ☐ No. 2, How to Control Coccidiosis in Chicks—*3-cent stamp.*
- ☐ No. 3, Instructions for Caponizing—*3-cent stamp.*
- ☐ **No. 4, How to Ventilate a Poultry House**—*6-cent stamp.*
- ☐ No. 5, Egg and Poultry Buyers—*3-cent stamp.*
- ☐ **No. 6, Poultry Tribune's Special Egg Record Sheet**—*10 cents in stamps.*
- ☐ No. 7, Plans for Egg Cooling Cabinet—*3-cent stamp.*
- ☐ No. 8, Canned Chicken is Tasty and Convenient—*3-cent stamp.*
- ☐ **No. 9. How to Control Roup and Colds in Poultry**—*6-cent stamp.*
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- ☐ No. 29, How to Spot the Non-Layer, *3-cent stamp.*
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- ☐ Bul. 1 How to Build a Range Shelter for 125 pullets—*15 cents.*
- ☐ ***Bul. 3, Newest Model 24 x 24 Combination Roof Laying House Blue Print**—15 cents.*
- ☐ Bul. 4, How to Build a Brooder House (blue print)—*15 cents.*
- ☐ **Bul. 5, Blue Print and Plans for Two Story 1500-Hen House**—*25 cents.*
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Accurate — Easily Read

NEW WICKLESS LANTERN

TRIPLES WINTER EGG YIELD

300 CANDLE POWER of brilliant, white light turns night into day. Every poultryman knows longer working days for hens means more eggs. Here's a wonder invention—a handy, portable, absolutely safe lantern—just right to light the henhouse. All the advantages of electricity at 1/10 the cost. Burns 96% air and only 4% fuel. Instant-lighting, simple, easy to operate. No danger. The most practical henhouse light ever invented.

HOME TRIAL—30 days at our expense. Will pay for itself in short time. Write today for special introductory offer and how to get yours FREE.

The Akron Lamp & Mfg. Co.
312 Lamp Bldg., Akron, Ohio

BROODER STOVE FREE

WITH "SUCCESSFUL" LAYING AND BROODER HOUSE—No. 10 House was $63.00. Now only $48.00 (including Stove) during this month. Small down payment reserves for later delivery. $38.00—300 egg Incubator NOW only $21.75. Larger and smaller sizes proportionately cheap.

SPROUTED OATS TURNS LOAFERS INTO LAYERS

Easily, quickly, cheaply produced in the SUCCESSFUL GRAIN SPROUTER. Write which interests you most.

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RAISE FROGS

BIG PROFITS IN "NUFOND GIANTS." Breeder lays 10,000 eggs each year. Bullfrogs sell $1.00 to $3.00 doz. No experience necessary. Backyard pond starts you. Raised in any climate. Our FREE book "A Fortune in Frogs" explains everything. Write today!

AMERICAN FROG CANNING CO., (103-X), New Orleans, La

Save with SarDilene

YOUR MOST ECONOMICAL SOURCE OF VITAMIN D

Cold, stormy days ahead. Your birds must have an adequate supply of vitamin D (the sunshine vitamin), to keep in condition to produce profitably. Provide it with **SarDilene**—get more vitamin D per dollar. SarDilene pioneered the poultry field with the original sardine oil produced in America. With new discoveries, perfected methods and rigid control **SarDilene** continues to pioneer. Tested rigorously by *Colleges*, Experiment Stations, large feed manufacturers and commercial poultrymen, its reliability is proven.

Also High in Vitamin A

SarDilene carries ample quantities of vitamin A and has been specially treated to stabilize its *vitamin A content in the mixed feed. It improves* pigmentation and feathering. Produces growth—promotes condition.

Highest Standards of Production

SarDilene is made from edible fish and is carefully refined under the exclusive Booth process. *All* **SarDilene** *is biologically tested* **on chicks** and proven on the basis of ¼ of 1% in the 8-week Wisconsin Rachitic Ration. Ask your dealer for **SarDilene**.

Write for information and literature.

F. E. Booth Company, Inc.

Dept. G, Farley Bldg.,
Cleveland, Ohio
110 Market St.,
San Francisco, Calif.

Starts Hens Laying

Here's a New Way to Get Eggs in Winter. Costs Nothing to Try

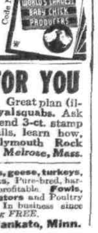
Mrs. C. H. Wagner, Milwaukee, Wis., has a real idea for chicken raisers who are not getting plenty of eggs. She says: "On Nov. 1st, our 150 pullets were not laying. I gave them Don Sung and got 364 eggs in the next 3 weeks; sold $75 worth in December, and $100 worth in January. The birds were strong and healthy all winter, and cackled like it was spring."

Don Sung, the Chinese brand of tablets which Mrs. Wagner used, are opening the eyes of chicken raisers all over America. These tablets can be obtained from Burrell-Dugger Co., 179 Postal Station Bldg., Indianapolis, Ind. Poultry raisers whose hens are not laying well should send 50 cents for a trial package (or $1 for the extra large size, holding 3 times as much). Don Sung is positively guaranteed to do the work or money refunded, so it costs nothing to try. Now is the *time* to start giving *Don Sung* to your hens, so you will have a good supply of fresh eggs all winter.

SEXING SERVICE 2¢ PER CHICK

WORLD'S LARGEST CHICK PRODUCERS

3 grades of all leading purebreeds—hybrids—sexed chicks

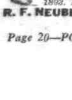


MORE COLONIAL chicks sold than any other brand. Why? The answer is Real Quality, Real *Service, Real Bargains! No matter* what grade, kind or number you want send for the big FREE Colonial catalog today. Special concession for early orders.

COLONIAL POULTRY FARMS, Box 400, Pleasant Hill, Mo., or Box 400, Florence, Colo.

$25 A WEEK FOR YOU

and work 12 hours a week. Great plan (illustrated) to breed **PR Royal squabs.** Ask for **new free Library 4,** send **3-ct.** stamp for mailing. Get details, learn how, why, **1935 facts. Plymouth Rock** ***Squab Co. 329-H St., Melrose, Mass.***



62 BREEDS Chickens, geese, turkeys, and ducks. Pure-bred, hardy, high quality and most profitable. **Fowls, Eggs, Baby Chicks, Incubators** and Poultry Supplies at **new low** prices. In business since 1893. *New, large valuable catalog FREE.*

R. F. NEUBERT CO., Box 881, Mankato, Minn.

Turkey Pointers

A PART OF THE 1934 turkey crop has already been marketed. Commission men felt *about the middle of November that it would* be a good policy for turkey raisers to market only the choicest birds at Thanksgiving time, because they felt the market would be glutted with unfinished stuff from the west.

* * *

AT THE RECENT market outlook conference of agricultural extension men, the following statement was released, "The outlook is for higher prices for the turkey crop of *1934* than those received for the *1933* crop. This should result partly because of a moderately smaller crop and partly because of prospective reduced supplies of other poultry and the higher price level of meats and food-*stuffs generally. Shortage of feed in many* sections may result in a greater proportion of the crop than usual being marketed at Thanksgiving, and if this occurs better prices may prevail for the Christmas and later market than will be realized for the birds marketed earlier." At this writing it is too early to determine how near right the prediction is.

* * *

TURKEY CONSUMPTION *must be* expanded in order to secure a profitable price for the relatively large production in this country. One suggestion for expanding the consumption of turkeys is made by Clara Gebhard Snyder, director of foods and nutrition, Institute of American Poultry Industries, who believes that both producers selling direct and retailers should sell half turkeys. Writ*ing in November Turkey World, Mrs. Snyder* says "This year more than in any previous years, grocers say that many people tend to select the lower priced foods. That is an important fact to keep in mind during the turkey season. Turkeys will move satisfactorily only if the price is moderate. Even at *such prices, to many a family half a turkey* will appeal, for half a turkey is much better than no turkey at all . . . Women usually know they are paying the same price or often a slightly higher price for the same food in smaller quantities, but the purchase may still be economy, for the smaller amount prevents waste. Moreover, if they have only $2 to spend for a given product, they are glad to have the amount of that product that $2 will buy. If, however, the smallest available amount costs more than $2, they will do without it entirely, substituting something else for it.

"But not only for the limited income group do half turkeys have an appeal. Families in *higher income brackets may enjoy having less* turkey frequently rather than more turkey infrequently. It would seem that there might be an impressive potential market for half turkeys the year round, a market among families too small to want a whole turkey except on special occasions."

* * *

FOR TURKEY RAISERS who sell a part of their crop direct to consumers in adjacent cities, the question of selling half turkeys is especially important. Through this angle of sale, this new selling scheme can be placed into practice quickly. It is no trick at all to split a turkey in half. Folks who have purchased a half turkey previously say the bird is prepared just as easily and that it loses none of the tempting qualities of a whole bird. Of course, in selling half turkeys from the farm, it is necessary to draw the birds and keep a *small quantity carefully refrigerated.* But during the Thanksgiving and holiday season, the temperature is low enough in most parts of our country to make this problem an easy one. Where refrigeration is needed, *some arrangement can usually be worked out* with the local butcher or grocer.

$3,500.00 CASH PRIZE

To Be Given to Some Man or Woman

There is a concern in Cincinnati, Ohio, that will again award **$3,500.00** to some ambitious man or woman who answers their announcements . . . as part of their publicity program. Some people say that generally such big prize money is spent foolishly.

To prove they are wrong, Ernie Miller asks this question: **"What Will *YOU do with $3,500.00 if YOU win it?"*** He will pay a $250.00 Cash Prize for the best answer to this question . . . and by sending your answer you will also qualify immediately for the opportunity to win this big **$3,500.00** Cash Prize in the final $6,000.00 cash prize distribution. Details of this plan will be sent to you at once.

There is no way you can lose anything. There are no strings tied to this offer. This concern is reliable. *There is nothing to buy or sell to* win the **$250.00** Cash Prize. This offer closes March 30, 1935. Duplicate prizes in cases of ties. Simply take a penny postcard and write Mr. Miller today. Tell him in 20 or less, plain, simple words . . . the answer to this question: **"What WILL YOU DO with $3,500.00 if YOU win it?"**

Thousands of people have already won prizes from this Company amounting to over $32,512.00 during *the past year. Now, YOU may be* the next to win big money! Just send answer, name and address to Ernie Miller, Prize Mgr. Dept. R-206P, Cincinnati, Ohio. It costs you nothing. Act now! WIN a big prize!

Turkey Raisers.. Get This Magazine!

TURKEY WORLD—America's biggest and oldest turkey magazine—is now owned and published by the Poultry Tribune organization. It is beautifully printed, well illustrated, and is devoted *exclusively to turkeys. Discusses all the latest* systems of breeding, hatching, brooding, feeding, exhibiting, marketing. Here is where successful turkey raisers write about their own experiences.

"Could Not Get Along Without It"

"Find enclosed $1.00 for renewal subscription. I just could not get along without Turkey World. My third year with turkeys and I have 400 head; my good luck is due to Turkey World and all its helpful hints."—Mrs. Harry Evans, Missouri.

Subscription Rates:

$1.00 a year in U. S. A.; $1.50 Canada and foreign. Clip this ad, write your name and address on margin.

TURKEY WORLD

Desk T **Mount Morris, Ill.**

THE STOVER HAMMER MILL

Cuts Feeding Cost 35% By Avoiding Waste and Converting Roughage and Stalks Into More Meat, Milk and Eggs

To make a profit from live stock during this year of short crops and high grain prices, you must feed 3 cattle on what you formerly used for 2. Every pound of home-grown feed should be made to deliver its full fattening value. The best way to do this is to mix and grind grains, roughage and stalks with a Stover Hammer Mill.

Grinds for 1/3 less than custom mills. Saves its cost the first year, feeding 15 cattle. Earns you money grinding for neighbors.

SEND POST CARD FOR FREE BOOKS That tell how, when and why to grind feed. Contain 101 feeding formulas and hints for balancing rations.

STOVER MFG. & ENGINE CO., Freeport, Ill., Dept. AW-12

NOT A POISON

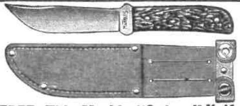
Harmless to humans, live-stock, poultry; made of red squill

K-R-O

KILLS-RATS-ONLY

K-R-O (powder form) 75¢. READY MIXED (no bait to buy) $1.00. All druggists. K-R-O Co. Springfield, Ohio.

RESULTS GUARANTEED



FREE: This Marble "Outers" Knife

Ideal for hunting, fishing and camping trips. It has a sturdy 4" blade, tempered and polished, with keen, durable cutting edge. Blade extends clear thru the bone stag handle. Complete with leather sheath.

OUTDOORS is a monthly magazine you will enjoy. Filled with illustrated stories and information on hunting, fishing, camping and outdoor activities. Also up-to-the-minute information on guns, fishing tackle, dogs.

SPECIAL OFFER

We will send you this Marble Knife and OUTDOORS MAGAZINE for a whole year

Both for Only $1.00

Clip this ad and mail today with $1.00 bill to

OUTDOORS MAGAZINE
333 N. Mich., Chicago, Ill.

WORLD-FAMOUS GARDEN VIEWS

Shown in Salzer's big new free bargain book of Vegetable, Flower and Field Seeds; Plants, Bulbs, Shrubs, Trees. Hardier northern-grown stock, re-selected, **three-way-tested** for big yields. **EARLY-ORDER SPECIAL:** Send 10c for 30-ft. row of Sweet Peas; 30-ft. row Giant Asters; or 30-ft. row Dwarf Nasturtiums, 3 packages, 25c — **all postpaid.**

Best values in our 66 years.

FREE CATALOG

164 PAGE CATALOG

JOHN A. SALZER SEED COMPANY
Box 26 La Crosse, Wis.

SOW SALZER'S SEEDS

Oat Sprouter $2.49

For $2.49 you can build the simplest, most efficient, easiest to operate and best oat sprouter ever constructed. A boy can make one in an evening with no tools but saw and hammer. Thousands in successful operation. Plans with plain directions for building, 10c postpaid.

I. PUTNAM, Route 1220-O, ELMIRA, N. Y.

"BATTERY BROODING"

A 320-page book by M. H. Arndt, National authority on battery brooding. Tells how to care for the birds, and how to save money on feed, time and labor. Price $2.00. Poultry Tribune, Mount Morris, Ill.

News . . .

(from page 3)

giant New Sensation Tomato with its disease resistant quality, or the new double, scarlet gleam nasturtium with its three inch flowers, and dozens of other larger, hardier and more delicious fruits and vegetables now presented in the Shumway catalog—85 of which are in natural colors—were unknown when our fathers bought seeds of Shumway 40, 50 and 60 years ago.

The Shumway catalog this year is especially attractive in that it is printed in larger type than many such catalogs, has larger illustrations, and particular attention has been paid to accurate reproductions of the subjects.

* * *

GERIG Imports Barron Cockerels—The six breeding cockerels shown in the accompanying photograph arrived in New York last August on board the S. S. Scythia, and from there went to Gerig's Leghorn Farm, Auburn, Indiana. They were selected from the best pens of Tom Barrons, Catsforth, England, and their dams have records up to 302 eggs.

They came direct from Barron.

The Gerigs have been breeding Leghorns for more than twenty years, and this is their third importation in the past few years. R. A. Gerig says that he has spent more money in the way of improving his strain of White Leghorns in the past few years than ever before. He feels that good stock is more necessary than ever in times of low prices, like we have had the past four or five years.

* * *

SALSBURY Announces New School—Dr. J. E. Salsbury, Charles City, Iowa, announces that he will have another two weeks' school in Charles City, beginning December 10, 1934. Enrollments for this school are now being accepted.

For further information, write Dr. Salsbury's School of Poultry Diseases, Charles City, Iowa.

* * *

GOLDEN Rule Hatchery Wins At Fair—Golden Rule Hatchery, Bucyrus, Ohio, won high honors at their own local Crawford County Fair this year which attracted the largest crowd in years. A total of 159 Golden Rule birds, representing 18 different breeds, were entered, and won 47 first and 18 second prizes.

* * *

BOOTH Heads Mo. Poultry Board—Eden C. Booth, Pleasant Hill, Mo., has been named chairman of the Missouri State Poultry Board and Otto C. Kircher, Butler, Mo., vice-chairman. This board is appointed by the governor and has supervision of the state poultry experiment station at Mountain Grove, Mo., the Missouri egg laying contests and the state poultry show.

The board has voted to change the rules of the Missouri contests to make them standard contests and also to include a 4-H club and Future Farmers of America department at the next state poultry show.

Other members of the board are Judge Fred Crosby, Greenwood; J. B. Rogers, Springfield; W. N. Shinn, Kirksville; and J. L. Ingwersen, Carrollton. T. W. Noland is director of the station. The poultry show is held during the American Royal and now that the boys and girls of the southwest have an official show for their poultry, it is expected that many new poultry clubs and projects will be started by the 4-H clubs and F.F.A. Full information can be had by writing the chairman of the board.

* * *

PATENT Is Held Valid—The validity of patent No. 1,778,264, secured by George H. Lee in 1930, on an insoluble coating for poultry worm capsules, has been upheld again by a recent decision of the U.S. Supreme Court, announces Donald J. Burke, vice president

(See page 26)

PRICES SLASHED

-the LOWEST in 23 YEARS for the Famous SIMPLEX BROODERS

Make big money in poultry this year with a genuine SIMPLEX Brooder Stove. 35 important superiorities. Amazing price reductions. The outstanding brooder stove for 23 years. Egg and poultry prices are going up. The price of the famous SIMPLEX is way down. Now is the time to get the facts on America's best brooder stove. Never again may you be able to own a SIMPLEX at such a sensationally low price. Write for free catalog and complete price list.

free CATALOG and NEW PRICES

SIMPLEX BROODER STOVE COMPANY
130 Grandville Ave., Grand Rapids, Michigan

Without obligation, send me full information and prices on SIMPLEX Brooder Stoves.

NAME .... R. F. D. ....
CITY .... STATE ....

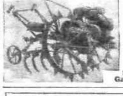
COOMBS R.O.P. White Leghorns

Official Egg Contest Winners. Matings headed by Pedigreed R.O.P. Males, 250 to 336 Eggs. R.O.P. Chicks, Eggs. Early Order Discount. Free Catalog. (Code 1561.)

Coombs Poultry Farm Box 612 Sedgwick, Kansas

NEW LOW PRICES

SHAW DU-ALL TRACTOR



Hurry! Low prices still in effect but can't be guaranteed! Amazing, money maker for farms, truck gardens, etc. Plows, cultivates, seeds, discs, mows, rakes, hauls; runs belt and shop machines. Gear shift models, 1 to 5 h. p. Costs 3c per hr. to run. Write for **FREE CATALOG** and 10 DAY **TRIAL OFFER.** Address nearest office.

SHAW MFG. CO. Dept. 5312
Galesburg, Kans. Columbus, Ohio

BUSSEY'S BOOK of WIRE FABRICS and PARTS for POULTRY BATTERIES

Now Ready · · Sent FREE to Poultrymen.

Write for Catalog No. 17

BUSSEY PEN PRODUCTS CO.
1500 S. Western Ave., Chicago, Ill. or 132 E. 1st St., Mt. Vernon, N. Y.

All Parts for this BROILER BATTERY COMPLETE ONLY $17.50

Burpee's Giant Zinnias 4 Pkts for 10¢

Four Best Colors
SCARLET, YELLOW, LAVENDER, ROSE

Burpee's Guaranteed Seeds. 4 Giant Zinnias, one regular full-size packet of each color (value 40c) sent postpaid for only 10c. Don't miss this remarkable offer. Burpee's Garden Book FREE. Write for your copy today.
W. ATLEE BURPEE CO., 971 Burpee Bldg., Philadelphia

Men & Women Earn Cash at Home!

Grow fancy giant mushrooms in cellar, attic, barn. Easy, odorless method. We show you how, furnish guaranteed materials, buy crops. Valuable big book, pictures FREE. Write quickly. Est. 1908
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Lowest prices . . . greatest variety . . . over 50 styles including wing, trap-nest, culling, certification bands, etc. Big catalog and samples FREE. * * Poultry supplies.

NATIONAL BAND & TAG CO.
DEPT. 939 NEWPORT, KENTUCKY

SEXING SERVICE — 2¢ PER CHICK

3 grades of all leading purebreeds; hybrids & sexed chicks. Big bargain catalog FREE. World's largest hatchers. Colonial Poultry Farms, Box 31, Pleasant Hill, Mo. C.C.C.24

PENNIES WANTED Lincoln & Indian Head. We Buy.

We pay up to $20.00 per coin. Other coins up to $500.00. Send 10c for buying list and prices.

PUBLIX COIN CO., P-7343 Cottage Grove, Chicago

STANDARD OF PERFECTION, the book needed by every breeder and exhibitor. Published by American Poultry Association. 500 pages, 200 beautiful illustrations. Cloth binding......$2.50
Poultry Tribune Mount Morris, Ill.

"KERLIN-QUALITY" Sex Guaranteed S.C.W. Leghorn Chicks

Day Old Pullets—Day Old Cockerels

90% Pullets or Males Guaranteed

All Breeders Bloodtested for B. W. D.

(tube Agglutination method) by Licensed Veterinarians. All blood samples read in State Laboratory of Bureau of Animal Industry, Harrisburg, Pa., all reactors removed.

Our Thirty-fifth Anniversary

70,000 customers in 48 states and 28 foreign countries have proved profit-making performance.

Since 1900—35 years—we have BRED, DEVELOPED and IMPROVED only one BREED—one STRAIN: **"KERLIN-QUALITY S. C. W. Leghorns."** 70,000 customers have proved for themselves the results of our constant and scientific efforts. Prove for yourself, in 1935, the profit making of **"KERLIN-QUALITY."** Order baby chicks today—for delivery when wanted.

Customers Report

—mortality under 5%—egg size to 26 oz. and over—flock averages up to and over 200—some over 250—ability to win in poultry shows and contests. Large, beautiful white birds—real commercial egg machines.

This FREE Catalog

—will show you the way to greater poultry profits. Get the whole story—the real facts about **"KERLIN-QUALITY"** Mountain Bred Leghorns. Read about our trapnested breeders—our official contest winners—cash prizes, silver and gold awards won by our customers. Then you'll want **"KERLIN-QUALITY,"** too. 100% live delivery, or we make good. Our *real low price* will please you. Write today.

Do You Want Pullets or Cockerels?

We can supply pullet or cockerel chicks, or straight run chicks (both sexes), as you prefer. Our sexers are skilled and experienced men in determining sex of day old chicks. They have handled thousands of chicks, and may be relied upon. Tell us which sex you want. We guarantee to send you 90% of the sex you order, or will adjust as explained in our literature.

Hen No. 64-2 laid 318 eggs in 1933-34 Georgia Egg-Laying Contest.

Again Three 300-Eggers

Year after year "KERLIN-QUALITY" continues to "bring home the bacon" from Egg Laying Contests. In 1932-33 Alabama Contest 10 high hens averaged 284—four 300-eggers. In 1933-34 Georgia Contest 10 high birds averaged 282.8—three 300 eggers. Highest hen 318. This is further proof of science and skill in producing a high laying strain of Leghorns.

Kerlin's Grand View Poultry Farm & Commercial Hatchery 201 Walnut Road Centre Hall, Pa.

Don't "Keep Chickens"—Let "Kerlin-Quality" Chickens "Keep You"

Vaccinate *NOW*

STOP costly infections! Have a healthy paying flock. Quick, simple and safe with dependable

ASL Mixed Bacterin (Avian)

for the prevention and treatment of ROUP, COLDS, and secondary infections. Now a *full 1 cc dose* (not 1/2 cc) at these greatly reduced prices:

60 cc $1.50	250 cc $4.00
125 cc 2.50	500 cc 6.00

Buy *the original*. Get full dosage. ASL products are made under U. S. Vet. License and preferred by successful poultrymen everywhere. Highest quality, "Standard Since 1921".

Write for our Introductory Offer to new customers

Use ASL Pullorum ANTIGEN

for rapid blood-testing for BWD. 500 tests, $1.75. Quantity discounts.

American Scientific Laboratories, Inc.

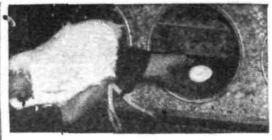
Box 412 **Polo, Illinois**

A Good Turkey Magazine

TURKEY WORLD is an attractive, illustrated magazine devoted exclusively to turkey raising. Every issue contains information for the breeder, exhibitor and commercial grower. $1.00 a year. TURKEY WORLD, Dept. T, Mount Morris, Ill.

Make Money at Home

Grow Mushrooms in your cellar or shed. Exclusive new process. Bigger, better, quicker crops. More money for you! Enormous new demand. Write for Free Book. **American Mushroom Industries,** Dept. 894 Toronto, Ont.



Contest News

THE HIGHEST October score ever made in any New Jersey egg laying contest was set in October this fall by Rhode Island Reds from E. B. Parmenter, Franklin, Massachusetts, Prof. C. S. Platt, contest supervisor for the state agricultural experiment station, Rutgers University, has *reported*.

Parmenter's Reds entered at the Passaic County Contest laid 245 eggs, scoring 260 points during October.

▼

A REMARKABLE livability record has been made by S.C. Rhode Island Reds from Homestead Farm, Newton, Connecticut. At the Storrs Egg Laying Contest, Homestead pens have lost a total of only seven birds in eight consecutive years of competition.

To develop this high livability, Homestead Farm reports that it selects its young stock each year according to the livability performance of family bloodlines. Of 500 pullets entered under R.O.P. trapnest supervision last fall, only 22 had been lost or removed at the end of the tenth month, a livability percentage of 95.6 per cent.

▼

W. S. HANNAH & SONS, Grand Rapids, Michigan, owned the White Leghorn hen which ranked first at the Western New York Egg Laying Contest during the year just ended. The final report shows her official record as 303 eggs, scoring 328.1 point.

▼

TOP HEN among the White Leghorns in all standard contests last year was one owned by Foreman's Poultry Farm, Lowell, Michigan. This hen in the Pennsylvania contest made a record of 317 eggs for 337.95 points in 51 weeks, and 324 eggs for 345.65 points in the full year.

▼

EDEN C. BOOTH, Colonial Poultry Farms, Pleasant Hill, Missouri, again bred the White Minorcas which ranked first for their breed.

Eden C. Booth

The high pen of this breed laid 1,883 eggs, scoring 1,856.6 points in the Florida contest. The high White Minorca hen, also owned by Colonial Poultry Farms, produced 238 eggs, scoring 243.3 points in the Georgia contest.

Booth has specialized in White Minorcas for a long period, and birds of his breeding established the present White Minorca record in the Alabama contest last year.

▼

INDIVIDUAL HENS of the various breeds made excellent records during the past contest year. A S.C. Rhode Island Red owned by George B. Treadwell, Spencer, Massachusetts, *ranked first in all standard contests*, with a record of 323 eggs, scoring 348.5 points, 51 weeks. *Oakland Farm, Newport, Rhode Island*, owned the high Barred Rock Hen which laid 315 eggs, scoring 335.35 points in the Rhode Island contest.

E. A. Hirt, South Weymouth, Massachusetts, owned the champion White Rock hen, which laid 294 eggs, scoring 305.4 points in the Maine contest.

▼

A CLOSE RACE featured the last month of the Mississippi contest, which was conducted in laying batteries. The White Leghorns owned by T. N. Turner, McComb, Miss., won

on the last day of the contest with 1,117 eggs, scoring 1,154.15 points. The second high pen was owned by Gulfkist Poultry Farm, Ocean Springs, Miss. This pen also was White Leghorns. They laid 1,133 eggs, scoring 1,153.4 points. There are only five hens per pen in this contest.

The high hen in this contest produced 247 eggs, scoring 275.7 points. She was a White Leghorn, of Blyhu Farm, Jackson, Miss.

These records are of interest chiefly because this is the first battery contest.

▼

October Report

United States Egg Laying Contests

Breeds: White Leghorns, Rhode Island Reds, New Hampshire Reds, Barred Rocks, White Rocks, Anconas, White Wyandottes, Australorps, Silver Laced Wyandottes, White Minorcas, Black Minorcas, Lamonas, Light Brahmas, Blue Andalusians, Jersey White Giants, Buff Rocks, Buff Leghorns.

Summary of Standard Contests

High Pen of Each Breed—First Month

Breed	Contest	Eggs to Date	Points to Date	Owner
W.L.	Pennsylvania	281	268.50	J. A. Hanson
R.I.R.	Rhode Island	266	266.90	E. B. Parmenter
N.H.R.	N. Y. Western	248	250.45	K.H. DuBois
B.R.	Rhode Island	252	246.20	Lewis Fms.
W.R.	Maine	252	239.00	E. A. Hirt
Anc.	Pennsylvania	233	213.25	Eriksen's Anc. Yds.
W.W	Oklahoma	198	175.20	L. J. Demberger
Aus.	Oklahoma	176	154.35	Overbrook Fm.
Sil.L.W.	Maine	180	153.00	Donald Chandler
W.M.)	Rhode Island	122	114.35	T. D. Brown
Bl.M.	Texas	100	93.60	E. J. Caney
Lam.	Michigan	85	82.05	Osborne Fms.
Lt.Bra.	Maine	80	81.00	Mrs. M. M. Clark
Bl.And.	N. Y. State	32	31.00	W. C. Dobe
J.W.G.	Maine	29	27.00	White Giant Fms. Assn.
Bf.R.	Maine	28	21.00	D. S. Riker
Bf.L.	N. J. Passaic	10	8.00	George Mair

High Hen of Each Breed—First Month

R.I.R.	Rhode Island	31	32.85	E. B. Parmenter
N.H.R.	N. Y. Western	30	30.90	K. H. DuBois
B.R.	Rhode Island	29	30.35	Lewis Fms.
W.L.	N. Y. Central	29	29.70	Kauder's Ped. Leg.
W.R.	Maine	29	28.00	E. A. Hirt
Sil.L.W.	Maine	29	25.00	Donald Chandler
Anc.	Pennsylvania	25	24.25	Eriksen's Anc. Yds.
W.W.	Florida	23	22.80	L. J. Demberger
Aus.	Arizona	24	22.35	E. S. McSweeney
Lt.Bra.	Maine	23	22.00	Mrs. M. M. Clark
W.M.	Michigan	22	20.85	Peet's W.M. Fm.
Lam.	Michigan	18	18.20	Osborne Fms.
Bl.M.	Texas	19	17.95	E. J. Caney
Bl.And.	N. Y. State	15	16.00	W. C. Dobe
J.W.G.	Maine	15	15.00	White Giant Fms. Assn.
Bf.R.	Maine	8	6.00	D. S. Riker
Bf.L.	N. J. Passaic	4	3.50	George Mair

High Pen of Each Standard Contest—First Month

Contest	Breed	Eggs to Date	Points to Date	Owner
Pennsylvania	W.L.	281	268.50	J. A. Hanson
Rhode Island	R.I.R.	266	266.90	E. B. Parmenter
Maine	W.L.	269	261.00	Kauder's Ped. Leg.
N. Y. Western	W.L.	274	260.70	Kauder's Ped. Leg.
N. Y. Central	W.L.	252	256.80	Kauder's Ped. Leg.
N. J. Passaic	R.I.R.	260	245.15	E. B. Parmenter
N. Y. State	R.I.R.	249	239.00	Flying Horse Fm.
Florida	W.L.	257	236.85	Creighton Bros.
Georgia	W.L.	243	233.65	Kauder's Ped. Leg.
Michigan	W.L.	260	229.60	Symon's Ped. Leg.
Texas	W.L.	247	225.10	N. L. Dartch
		247	225.10	James Dryden
Oklahoma	W.L.	230	214.25	Gamble W.L. Fm.
N. J. Vineland	W.L.	244	211.95	Kinghaven Pl. Fm.
N.J.Hunterdon	W.L.	220	200.30	Quality Pl. Fm.
Arizona	W.L.	200	197.30	Milligan W. L. Brd. Fm.
California	W.L.	206	153.10	Shady Nook Ranch
Mississippi*	W.L.	113	102.75	T. N. Turner

Summary of Non-Standard Contests

(Final Report)

High Pen of Each Breed—Twelfth Month

Breed	Contest	Eggs	Owner
R.I.R.	Connecticut	2979	G. B. Treadwell
W.L.	Connecticut	2930	Irving J. Kauder
B.R.	Connecticut	2331	James Dryden
N.H.R.	Connecticut	2272	Hubbard Fm.
W.R.	Connecticut	2216	Kalerok Fm.
W.W.	Connecticut	1798	C. L. Hohman
J.W.G.	Missouri State	1431	Missouri
Bl.O.	Missouri Nat'l.*	1039	Pearl Parker
Bf.R.	Illinois*	707	Kip's Service
Aus.	Illinois*	700	Overbrook Fms.
Lt.Bra.	Illinois*	657	Ajax Htch.
W.M.	Missouri Nat'l.*	627	Colonial Pl. Fms.

High Hen of Each Breed—Twelfth Month

W.L.	Illinois	343	Logan Leg. Fm.
R.I.R.	Connecticut	324	G. B. Treadwell
B.R.	Connecticut	306	R. C. Cobb
N.H.R.	Connecticut	300	Hubbard Fm.
W.R.	Connecticut	292	Kalerok Fm.
Bf. O.	Missouri Nat'l.	281	Pearl Parker
W.W.	Connecticut	257	C. L. Hohman
J.W.G.	Illinois	256	Ajax Htch.
Aus.	Illinois	197	Overbrook Fms.
Bf.R.	Illinois	169	Kip's Service
Lt.Bra.	Illinois	167	Ajax Htch.
W.M.	Missouri Nat'l.	153	Colonial Pl. Fms.

High Pen of Each Non-Standard Contest—Twelfth Month

Contest	Breed	Eggs	Owner
Connecticut	R.I.R.	2979	G. B. Treadwell
Missouri State	W.L.	2230	Geo. Bagby, Jr.
Missouri Nat'l.*	W.L.	1436	Geo. Bagby, Jr.
Illinois*	W.L.	1331	Henrich Leg. Fm.

*Only five hens to a pen.

55 Acres
61 Buildings
$175,000 Invested
An Ohio Approved Hatchery

JOHN P. GASSON

FOR BIG BIRDS *and* BIG EGGS
GASSON STRAIN
LARGE TYPE R.O.P. PEDIGREED
S. C. WHITE LEGHORNS

FOR 21 years, Gasson Strain S. C. White Leghorns have been nationally recognized for their large size, high production and large size chalk white eggs. The superb health and vitality bred into them makes the Gasson high livability guarantee possible. Few people experience losses of any size with Gasson Strain chicks. Their large body size, high egg production and easy-to-raise qualities place the Gasson Strain in a class by themselves. They give you the weight advantage of a heavier type breed with the egg-laying ability of the Leghorn.

GASSON STRAIN INDIVIDUAL R. O. P. PEDIGREED MALES HEAD ALL GASSON MATINGS . . .

Gasson's foundation stock bloodtested for B. W. D. by the agglutination test twelve consecutive years. Every chick is sired by males with Individual R. O. P. Pedigrees from 264 to 315 large white eggs, weighing from 24 to 28 oz. in the pullet year. 6000 R. O. P. pedigreed and wing banded birds on our farm are all under the constant and personal supervision of John P. Gasson.

1500 PULLETS TRAPNESTED

This is the ninth consecutive year we have trapnested 1500 pullets under Ohio Record of Performance Supervision. 31% of the flock was approved as R. O. P. Breeders in 1932, 43% in 1933, and 48% in 1934. We probably have more Officially Approved R. O. P. Breeders than anyone in the United States.

A REAL R. O. P. BREEDING FARM

Gassons is a real R. O. P. Trapnest, Pedigree Breeding Farm, one of the most progressive and one of the largest in the United States. Scientific breeding records are accurately maintained and the result of 21 years of successful breeding is highly evident in every Gasson Strain Chick.

Special Discount for Early Chick Orders

This year we strongly advise early ordering. Liberal discounts for early chick orders. See our catalog for discounts and prices. C.C.C. No. 682.

95%
LIVABILITY GUARANTEE

The health and vitality of Gasson Strain Chicks makes this guarantee possible. All chick losses over 5% within 21 days will be replaced free. Below are a few 1934 reports received after 21 day period:

Mrs. Fred Heller, Mt. Comfort, Indiana, purchased 300 chicks and lost NONE.

J. J. Bachofen, Alliance, Ohio, purchased 500 chicks lost only 1.

Mrs. Ethel G. Fugitt, Kenmore, N. Y. purchased 2500 chicks and lost 35.

Everett Yoho, Woodsfield, Ohio, purchased 300 chicks and lost NONE.

George McIntyre, Corry, Penna. purchased 1000 chicks, lost 13.

Jesse N. Murphy, Brookston, Indiana, purchased 800 chicks and lost 8.

H. D. Streeter, Danbury, Ohio, purchased 500 chicks and lost NONE.

John Pokorny, West Falls, N. Y., purchased 1300 chicks, lost 13.

Norbert Groff, Versailles, Ohio, purchased 450 chicks and lost 5.

Glynwood Farm, Cold Spring, New York, purchased 1500 chicks and lost 13.

N. A. Sneary, Greenville, Ohio, purchased 500 chicks and lost NONE.

Hiland Guernsey Farm, Newport, Ky., purchased 2500 chicks and lost 24.

Ellis Fox, Jr., Collegeville, Penna., purchased 800 chicks and lost 8.

O. K. Swallen, Alliance, Ohio, purchased 1000 chicks and lost 9.

E. G. Bennett, Saunemin, Ill., purchased 500 chicks and lost 2.

H. M. Doyle, Wooster, Ohio, purchased 550 chicks, lost only 2.

PEDIGREED COCKERELS FOR SALE

We have a limited number of R. O. P. Pedigreed cockerels for sale. Pedigrees over 264 eggs on the dams side. $7.00 each and up.

NEW 48 PAGE CATALOG " " FREE

BABY CHICKS
" " STOCK
EGGS for HATCHING

Write

GASSON'S POULTRY FARMS

JOHN P. GASSON, Owner

Box G — VERSAILLES, OHIO

EGGS

Get More of Them

Feed The HUBBARD SUNSHINE WAY—

Our simplified plan of intensive feeding and sound management for greater production at less cost with

Hubbard's Sunshine Concentrate

19 of the choicest animal and vegetable proteins obtainable, proportioned exactly to blend perfectly when mixed with farm grain for a superior Egg Mash made by yourself or mixed by your dealer according to The **HUBBARD SUNSHINE Way.**

64-Page Feeding Manual Free

Information of vital interest to every feeder of poultry and all livestock. Write for it today.

Hubbard Milling Co.
Mankato, Minn.

Eastern Factory
410-11th Street
Ambridge, Penn.

168 "GERIG" Pullets net $43.00 in Nov.

Long experience (22 yrs.) mean results like Penn. customer got in Nov. Letter in **Free White Leghorn Book.** Page 11. Others report 87% winter production, 85% in December, extra heavy yield big eggs, big birds. My 3rd importation **"Tom Barron" Males** arrived August, 1934. Send postal for free leghorn book. Get larger egg checks. Code No. 2822.

Gerig's Leghorn Farm, R2, Auburn, Ind.

SEXED DAY-OLD PULLETS. If you want sex sorted chicks remember we guarantee 90% accuracy.

Write for FREE Leghorn Book

ONLY $1.95

For this 3-gallon RITE-WAY POULTRY FOUNTAIN and HEATER for winter and summer. Also made in 4-gallon size. Drink all the way around. Approved by Poultry Tribune Experimental Farm. Sold on a money-back guarantee. ORDER TODAY or send for circular of Rite-Way Fountains, Feeders and other poultry supplies.

RITE-WAY METAL PRODUCTS CO.
Box 400 **Saranac, Mich.**

White Rock Chicks, Eggs

Profitable combination for Broilers, Roasters and egg production. Contest Winners, Michigan, Alabama, Georgia, New York. Official records to 301 eggs. Bred under Ohio R.O.P. and Ohio Poultry Improvement Ass'n supervision. *Individual and pen pedigreed male matings.* Circular. (C.C. 4923.)

Oscar W. Holtzapple. Box 40, Elida, Ohio

Recent Discoveries!

Reviewed by DR. L. E. CARD
University of Illinois

FISH MEALS AS PROTEIN SUPPLEMENTS.—On the basis of tests run at the *Ohio Agricultural Experiment Station*, it is concluded that fish meals vary greatly in their nutritive value when fed as the only protein supplement on a 12 per cent protein basis. The addition of 5 per cent of dried skimmilk tended to equalize the growth-promoting value of the fish meals because it resulted in improved growth on the rations containing the poorer fish meals.

The replacement of one-third of the meat *scrap protein by fish meal protein, in rations* which already contained 5 per cent of dried skimmilk, resulted in significantly greater growth. The data also show that the fish meals varied greatly in their vitamin G content.

From a practical standpoint, the results emphasize the importance of milk in a ration which is to give maximum growth in chicks. They also indicate that the common practice of substituting fish meal protein for part of the meat scrap protein in a ration containing milk is well founded.

* * *

THE NEW YORK EGG MARKET.—A statistical study of the New York Egg Market for the years 1923 to 1929, inclusive, recently published by the *Cornell Agricultural Experiment Station* reveals some interesting facts. Of the 138,000 cases received weekly (average for the period), one-fourth were received on Monday. The trade output of eggs did not vary so violently during the week as did receipts. Monday's trade output was 22 per cent, and Saturday's 11 per cent of the weekly total.

The price change was largest from Monday to Tuesday, and smallest from Friday to Saturday. The elasticity with which daily prices *responded to daily receipts was greatest on* Monday and smallest on Saturday. Relatively low prices caused decreases in later receipts, and relatively high prices caused increases. Prices showed the highest and quickest effect on later receipts from August to November. They had practically no effect from April to July.

* * *

CALCIUM SUPPLEMENTS AND EGG SHELLS.—A five-year study at the *South Dakota Agricultural Experiment Station* has shown that a lack of calcium fed as a supplement to the ordinary complete ration, either *all-mash or grain and mash, markedly de*creases egg production and causes a loss of egg shell strength. The addition of a source of lime can stimulate the calcium-secreting part of the oviduct within 24 hours after feeding, if the hens have previously been denied a source of calcium.

On the basis of egg production, egg weight, and egg breaking-strength, there was no sig*nificant difference* in favor of any one of the supplements used over the five-year period. These supplements were oyster shell, clam shell, chalkstone, Black Hills limestone, dolomitic limestone, calcite and commercial limestone. *Dolomitic* limestone was, however, more expensive to use because of the larger amounts consumed in securing the needed calcium.

* * *

CEREAL GRAINS FOR EGG PRODUCTION.—In a bulletin reporting a two-year study at the *Wyoming Agricultural Experiment Station*, the conclusion is reached that *pullets laid equally well and maintained nor*mal health on mash and grain rations containing 65 to 70 per cent of a single cereal grain when the grains used were yellow corn, white corn, wheat, oats, rye and barley. A larger proportion of mash was consumed by the oats lot than by any other lot.

The lot fed rye produced eggs with a lower ratio of thick white to thin white and a lower *yolk index. This caused the eggs from the* rye lot to appear aged in spite of the fact that they were strictly fresh. Barley showed

Something NEW and yet as Old as the Hills!

What? Poultry Grit

The question arises, if it is as old as the hills—HOW CAN IT BE NEW?—Just this—within recent years Professors of Poultry Husbandry, Directors of Poultry Research and leading Commercial Breeders have agreed that just any and every kind of poultry grit is not always suitable for the purpose for which it is intended—which is to do the grinding in a chicken's gizzard. It is now recognized that a grit **must** be insoluble—(non-dissolving in acid)—Therefore the NEW of Poultry grit is **STONEMO GRANITE GRIT.** STONEMO enjoys the endorsements of more Professors, Directors of Poultry Research and Leading Breeders than any other Poultry Grit on the market.

YOU CANNOT GO WRONG—if you feed STONEMO GRANITE GRIT.

Write for further information and *free* booklets.

Stone Mountain Grit Co., Inc.
Lithonia, Ga.

Thor-O-good BABY CHICKS

Send for the "Multi-tested" catalog! It tells why 100 customers raised 97% of chicks bought. **White Rocks, Barred Rocks, R. I. Reds, W. Wyandottes, Leghorns.** Tested and RETESTED for Pullorum by Veterinarians using Tube Method. Chicks live, grow fast. Pullets lay *big eggs. Weekly hatches* of husky chicks from **Ohio Approved flocks.** Order early. Send postal now for "Multi-tested" catalog and December and January prices.

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FREE "Multi-Test" Catalog

MOSS Farm R.I. Reds

HIGHEST EGG SCORE, N. Y.

Again, our birds were star performers at two State Egg Laying Contests. High Hen at *Maine, 333 Eggs; 341 Points in 52* weeks. Our Pen at New York (Farmingdale) led breed by 250 eggs, in 1933-34 Contest. Our 1932-33 New York Pen led all breeds. We offer you stock carrying same blood. Reds and Moss Cross Rock-Reds hatching every week.

PEDIGREED AND EGG-PRODUCTION PULLETS

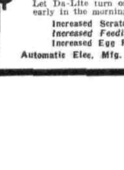
Pedigreed Breeding Cockerels now ready. Substantial Discount allowed on orders placed now for Spring delivery.

Write for Catalog, Prices and Early Order Discount. Cert. No. 956.

MOSS FARM **Box C, Attleboro, Mass.**

IF *you get eggs you will make money*

This is our FIRST ad to the outside world! But we WON BOTH 1934 "World's Fair" Contests—proved vigor of our birds after *930 mile trip by starting big Florida Contest this fall with speediest* pen—and had highest WHITE LEGHORN HEN (by points) at Michigan Contest ending last September with 313.35 Points and 307 Eggs. Over 9,000 singing pullets and hens on our three farms bringing in dandy egg checks from about eighty cases weekly make money for us. 1,500 pullets in R.O.P. this year. Chicks U. S. Certified or better. Large flock owners, get our "Story in Picture." SEE results! Certificate No. 3608.



CREIGHTON BROTHERS,
Box 1, **Warsaw, Indiana**

$4.95 TURN NIGHT INTO DAY $4.95

Let Da-Lite turn on the hen-house lights early in the morning.

Increased Scratching Hours +
Increased Feeding Hours =
Increased Egg Production

Automatic Elec. Mfg. Co., Mankato, Minn.

a slight tendency to lower the percentage of thick white; yellow corn deepened the yolk color; and wheat increased the number of large islands of fat in the yolk.

No differences were found in porosity, breaking strength, thickness or percentage of shell to total egg weight, nor were there any differences in the percentage of total solids, percentage of protein, or in odors or flavors.

* * *

A NEW DISINFECTANT.—In searching for a disinfectant which would really *disinfect*, and which would at the same time be relatively non-toxic to livestock and humans, have little or no odor, and produce no undesirable flavor in food products around which it was used, workers in the *U. S. Department of Agriculture* have recently demonstrated the value of sodium orthophenylphenate. It has been found to be highly effective against the tubercle bacillus and against the virus of infectious laryngotracheitis. It is readily soluble in water and is therefore easy to use, but to be effective it must be applied at temperatures of 60°F. or higher. It should be used in 1.0 per cent solution.

* * *

VARIATION IN EGG PRODUCTION.—By a statistical analysis of records obtained on about 100 commercial poultry farms in Utah, workers at the *Utah Agricultural Experiment Station* have been able to establish the relationship between egg production and certain others factors on a mathematical basis. They found, for example, that an increase of 10 per cent in the number of pullets in mixed flocks of hens and pullets resulted in an increase of 5.7 eggs per head per year. Each additional pound of feed consumed per hen per year by such mixed flocks increased the average egg production by 1.3 eggs. In pullet flocks, an increase of 10 per cent in the proportion of the total ration fed as mash resulted in 8 more eggs per pullet per year. Clearly it pays Utah poultrymen to feed well, and it seems reasonable to assume that the same practices would pay elsewhere.

* * *

FEED COSTS AND EGG PRODUCTION.—A study of six years' records at the *Maryland Egg Laying Contest* has brought out some interesting facts concerning the relation between feed cost and egg production. The feed consumption per pullet per year was 80, 89, and 92 pounds, respectively, for Leghorns, Plymouth Rocks and Rhode Island Reds. The corresponding figures for feed consumed per dozen eggs produced were 4.8, 5.7 and 6.1 pounds.

As production increased, the feed required to produce a dozen eggs decreased. This was true of all three breeds. The average feed cost per dozen eggs for the highest Leghorn pens in the six contests was 8 cents, while the corresponding figure for the six low pens was 12 cents. The average feed cost per dozen eggs on a "meat scrap, dried skimmed milk and cod-liver meal" ration was 8.3 cents for White Leghorns, 10.0 cents for Barred Plymouth Rocks, and 10.9 cents for Rhode Island Reds.

* * *

VITAMIN D REQUIREMENTS.—In studies of the need of chickens for vitamin D, as made at the *Washington Agricultural Experiment Station*, it was concluded that laying pullets had the ability to store vitamin D during the growing period, and that this supply of the vitamin was not exhausted until after three months of egg production. A lack of sufficient amounts of the vitamin seriously retarded egg production, materially reduced egg weight, and resulted in shells of inferior quality. When breeding hens were kept in strict confinement without sunshine, it was necessary to add 135 International units of vitamin D from cod-liver oil to each 100 grams of feed in order to secure satisfactory hatching results.

* * *

QUEER QUIRKS—Whites of eggs are used by artists in mixing "temperra paint," a form of water-color. Eggs are the base in these water-color paints, used by some of our greatest painters.

* * *

"Mike, th' Boss wants a square o' glass 14x12, for his chickenhouse."
"Sorry, Pat. Oi've nothin' 14x12, but Oi've a foine piece 12x14."
"Oi'll take it. Perhaps th' Boss won't notice th' difference.—Montreal Star.

ILLINOIS APPROVED Chicks

HELM'S Egg-Line CHICKS

R.O.P. and High Production Breeding

Helm's Customers Win Again

In American Poultry Journal Chick Contest 1934, Helm's customers won both the Chick and Laying Contests. Two firsts. 29 Prizes in Tribune 1934 Contest. **Over 14% of prizes last year and 18% of prizes in Poultry Tribune Contest.** Win with Helm's Chicks in 1935.

Champion Official Leghorn Pen in all 5-Bird Contests in 1933

For three consecutive years our high pen of Leghorns at Illinois Egg Contest have averaged 289 per bird. Champion pen, 1933; high pen, 1931. Second highest 1932. **More than 500 awards for High Official Production in 5 popular Breeds. All Official Record Pens selected from same Matings that supply you with Chicks.**

OFFICIAL Record, 314 Eggs, Illinois Egg Laying Contest. Egg Weight 25 oz. per doz.

Helm's Foundation Matings

Matings established and improved for years from best Production Bred Strains. High Quality at a low price.

S. C. White Leghorns headed by approved R.O.P. Males and Males from Official Record and R.O.P. Hens, 251-314 eggs.

Barred Rocks headed by approved R.O.P. Males—Bishop Strain (200 to 239 Eggs).

White Rocks headed by approved R.O.P. Males (200 to 250 Eggs).

S.C.R.I. Reds headed by approved R.O.P. Males—Homestead Strain (200 to 239 Eggs).

White Wyandottes—headed by approved R.O.P. Males (200 to 260 Eggs).

Buff Orpingtons—Pure Bosley Official Record Strain.

Also White Giants, Buff Leghorns, Buff Rocks, White Minorcas and Anconas improved from best strains.

State Approved Pullorum Tested

All Breeders are Officially Pullorum Tested for B.W.D. (Illinois Dept. of Agri.) All Breeders are Officially Approved and Legbanded for Health, Body Weight, Type and Production Characters. You can depend upon High Quality Chicks from Helm.

SEX-ED CHICKS
Pure-Bred Pullet Chicks for Layers. Pure Bred Cockerel Chicks for Broilers 90% Accuracy Guaranteed

Early Order Discount

We offer you a special discount if you order this month. A small deposit only required now. Delivery date guaranteed. **Low prices with the best Breeding and Health quality.** Send for Free Catalog.

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ILLINOIS HATCHERY — H. C. Helm, Box 3 — METROPOLIS ILLINOIS

FOREMAN'S Large Type WHITE LEGHORNS

WIN NATIONAL AND STATE PRODUCTION HONORS IN 1934 OFFICIAL LAYING CONTESTS. A few outstanding Foreman Farm 1934 Contest winnings include—Highest Leghorn all U.S. Contests—Highest All-Time Pen Record, Michigan Contest—Highest All-Time Individual Record, Pennsylvania Contest—Tied Highest, All-Time Individual Point Score, Vineland, N. J., Contest—Highest Individual, total eggs, Texas Contest. Numerous other outstanding Pen and Individual contest honors, which rate Foreman Strain Leghorns among the three highest production strains in this country.

Miss America
Highest official Leghorn all U.S. Contests 1934 . . .
Record
51 weeks 317 eggs for 337.95 points
52 weeks 324 eggs for 345.65 points

BUY CHICKS that carry honest breeding for high production, large eggs and both excellent chick and pullet livability.

WRITE for this FREE CATALOG
A postal card will bring it!

Free Educational Catalog—describes a breeding program that safeguards success—and covers all important phases of egg production.

FOREMAN POULTRY FARM
LOWELL Box 323-B MICHIGAN
Prof. E. C. Foreman, owner & manager (CC139D)

SAUDER'S BIG ENGLISH TYPE S.C. White LEGHORNS

ORDER DAY-OLD PULLETS FOR GREATER PROFITS

Sauder's SEXED chicks, bred for egg production offer you an opportunity to get Profit Producing day-old pullets, breeding cockerels or chicks from Special and Utility matings or Trapnested hens. *Also broiler chicks invigorated for rapid growth - - all from hens* tested by us for B. W. D. by Antigen whole blood test under my personal supervision. All reactors removed. Backed by 28 years hatching and breeding experience. Write for the full story to bigger profits and Early Order Discounts with BIG FREE CATALOG. C. C. 627. Commercial Hatchery Dept. of

SAUDER'S LEGHORN FARM Box R.R.1A GRABILL, IND. BIG FREE CATALOG

PARKS' BARRED ROCKS ARE DIFFERENT

ALMOST FOOL PROOF—The strain that makes good under all climates, as well as hundreds of different feeding and housing systems.

LAYING EGGS is their trade. They are doing it in Cold Alaska, Hot Equador, in Burma, 13,000 miles away, as well as in thousands of customers hands here in U. S. A.

HEN BATTERIES—Arndt says Parks Rocks were the first heavy breed he used successfully in cages. YES—we can supply pullets right ages to go in cages every month of the year.

BUY & BREED—America's Oldest and the World's most popular strain of Rocks. Carefully selected. Trapnested. Pedigreed & Progeny tested for eggs since 1889.

COCKS—HENS—COCKERELS—PULLETS—EGGS—CHICKS—At Special Fall Prices. Also 10% discount on 1935 delivery Eggs and Chicks—orders booked by Jan. 1st.

CATALOG FREE

J. W. PARKS & SONS, BOX O, ALTOONA, PA.

Better Egg Prices!

Consumers are ready to pay a premium for quality eggs. The Self-Locking Cushion Carton is built to reflect that quality and to help you **get your profit.** Eggs stand up **large and attractive.** Cushioned protection for each egg. Used by most all of the large egg distributors. Attractively printed with your own brand name. Send for free samples now.

SELF-LOCKING CARTON COMPANY
571 E. Illinois St. Chicago, Illinois

INT. POULTRY GUIDE

Just published by Int. Baby Chick Asso. A comprehensive book on production poultry—describes and illustrates all important breeds and tells how to select for production flocks. Price $1.50. Poultry Tribune, Mount Morris, Ill.

Say "NO!" -to BOTH

If a buyer offers you 2 to 5 cents a dozen less than eggs are worth—you say "No" to him in a hurry. When a feed seller offers you a low producing feed that will make eggs cost you 2 to 5 cents a dozen more than they should, be just as quick to say "No." Insist on

Conkeys Gecco Egg Mash with Y-O

Thousands of poultrymen have proved that Conkeys does produce eggs at lower cost. They're better eggs, too—larger, stronger, better flavored and command higher prices. If you haven't tried Conkeys—the high producing Ready Mixed Egg Mash with Y-O—get a sack from your dealer at once and see for yourself how by paying just a little more per bag you cut down the cost of every egg you get. Here's the reason—

Every pound of Conkeys Gecco Egg Mash is vitalized with Y-O (Yeast and Cod Liver Oil). Rich in Vitamins A, B, D and G. (45)

The Best Feed is always the cheapest —Buy Conkeys

Vitalize all your feeds with Conkeys Y-O

BREWERS YEAST · COD LIVER OIL

Conkeys Y-O is a powder containing yeast and cod liver oil—rich in Vitamins A, B, D and G. Write for prices.

The G. E. CONKEY CO., 6710 Broadway, Cleveland, O.

Mills: Cleveland, O.; Toledo, O.; Nebraska City, Nebr.; Dallas, Texas

DOLAN'S S. C. White LEGHORNS

Records to 347 Eggs
Average 26 ounces

TRAPNESTED - PEDIGREED
for 20 Consecutive Years
Production — Egg Size — Livability

Dolan's Big Type Leghorns bred for 20 years to the highest standards. Five straight years of Progeny Test Breeding. **All Males heading every Mating are pedigreed and from our best Trapnest Dams 270 to 347 Eggs.** Many are Progeny Tested for high production daughters.

Pedigree Breeding Farm
Dolan's Leghorns Exclusively

All our Matings are on our own Farm—no outside Flocks. Tested for B.W.D. Stained Antigen Method under **supervision of Missouri State Veterinarian**—no reactors. More than 300 Official Awards in Egg Laying Contest. Exceptional Livability of Chicks and Laying Pullets.

SEX-ED CHICKS
We can supply you with **Pure Bred Leghorn Pullet Chicks.** 90% accuracy on sexing guaranteed.

EARLY ORDER DISCOUNT

Our prices for genuinely good Breeding are very reasonable. A big discount offered if you place your order early. Delivery date guaranteed.

Write for Our FREE Catalog

DOLAN POULTRY FARM, Route 4 Manchester, (Near St. Louis) Missouri

MAPLESIDE BARRED PLYMOUTH ROCKS WHITE PLYMOUTH ROCKS

Highest Official Record Pen for
all Heavy Breeds, Illinois Egg Contest, 1934

Our Barred Rock Pen at Illinois Egg Laying Contest was the highest of all Heavy Breeds, both Points and Eggs, 1934. **Trapnested and Pedigreed continuously for 27 years.** Honestly Bred for Vigor, quick feathering, Big Body Size and Egg Size.

All Breeders are **Illinois Approved and Officially Pullorum Tested** by Illinois Dept. of Agriculture.

BIG DISCOUNT ON EARLY ORDERS
for Baby Chicks and Eggs for Hatching

Send for Free Catalog

290 EGGS IN ONE YEAR

MAPLESIDE POULTRY FARM, Route 4-T, Lincoln, Ill.

A Progeny Tested Breeder

WOLF "Silver Anniversary" BABY CHICKS

FROM FLOCKS INSPECTED BY A.P.A.
BUY NOW AT LOWEST POSSIBLE PRICES

14 BREEDS from BLOODTESTED FLOCKS

Yes, you can make money with poultry. WOLF "SILVER ANNIVERSARY" CATALOG tells you the complete story about our breeding and our 14 profitable breeds. Wolf chicks are the choice of thousands. Order yours now. Bloodtested with Antigen for B. W. D. by Gilbert Wolf, American Poultry Association Flock Inspector. All reactors removed. We guarantee 100% live delivery and 14 day livability, which means that we replace losses first seven days at one half and last seven days at three quarters of original price. C. C. C. 688. Buy now at lowest possible prices.

Send for FREE CATALOG in COLORS

WOLF HATCHING & BREEDING CO. Box 1 GIBSONBURG, OHIO

"A LIVING FROM THE LAND"—How to establish yourself in the country and make the land contribute a major portion of your living expenses. Chapters on financing, soils, poultry, fruit, special crops, milk supply, marketing. By W. B. Duryee, Secy. Agri., State of N. J. 190 pages. Price $1.50. Poultry Tribune, Mount Morris, Ill.

(from page 21)
of the George H. Lee Company, Omaha, Nebraska.

The principle which was patented, and which is used in the manufacture of the Lee capsules, lies in the use of a coating which is insoluble in the juices encountered before it reaches the gizzard. In the gizzard, the coating is crushed and the fresh, undiluted medicine is released. The full dose thus is carried directly into the intestines where the worms are found. Because of this characteristic, it is known as the "Gizzard Capsule."

The patent which was upheld covered the use of such an insoluble capsule to carry the worm medicine directly to the gizzard before its release.

* * *

BIG Prizes For Furs—Two Plymouth sedans, national windup awards totaling $1,100 in cash, and 390 daily cash awards of $5 each, are being offered by Sears, Roebuck and Company during its sixth national Fur Show, starting November 19 and continuing through the 1934-35 trapping season.

These daily prizes will be given at the Sears six raw fur receiving stations located in Chicago, Philadelphia, Memphis, Dallas, Kansas City and Seattle, from November 19 to February 5. One Plymouth sedan will be given for the best prepared shipment of five or more skins received between November 19 and December 31, and another sedan for the best shipment between January 1 and February 5. Final major cash awards will be determined in April.

* * *

BISHOP Makes Foreign Shipment—R. Walter Bishop, Guilford, Conn., whose strain of Barred Rocks is widely known in all parts of the United States for its combination qualities, recently received an order for a trio of individually pedigreed R.O.P. Barred Rocks with official records, from the Agricultural College of the University of Cambridge, England.

Another recent order was for a pen of combination quality Barred Rocks from the Government of Palestine. The pen to Palestine all had individual pedigrees of over 250 large eggs.

* * *

A. E. KERLIN Dies—Early the morning of October 22, Arthur E. Kerlin, who established Kerlin's Grand View Poultry Farm, Centre Hall, Pennsylvania, in 1904, and who made "Kerlin Quality" S. C. White Leghorn chicks famous, died at his winter home in St. Petersburg, Florida.

A. E. Kerlin

Mr. Kerlin was born October 4, 1863. Following his marriage in 1885, he engaged for a number of years in conducting a general store, and later he developed a successful business of storing eggs at Centre Hall. In 1899, he laid the foundation for what was to become one of the country's most successful and best known poultry farms and hatcheries. In 1904, a large section of land was purchased along the eastern border of Centre Hall, where Kerlin's Grand View Poultry Farm is now located—an institution that represents a cash investment of approximately one hundred thousand dollars.

In 1925, Mr. Kerlin purchased a beautiful winter home in St. Petersburg, Florida, and retired from business, selling his entire interest in the poultry farm and hatchery to his only child, William W. Kerlin, who was engaged in the business with his father since 1907.

Mr. Kerlin was recognized as one of America's pioneer poultrymen, and was held in high esteem by all whose privilege it was to know him personally.

* * *

CORNISH Importer Honored—Cornish breeders will stage a tribute show at the Indianapolis Winter Show, Indianapolis, Ind., December 5-9. The showing will be in honor of Dr. H. P. Clarke, who was the first to import Cornish or Indian Games to America. Breeders desiring further information should write to A. W. Arter, R. 9, Fort Wayne, Indiana.

$1000 IN 133 CASH PRIZES!

POULTRY TRIBUNE'S Eighth National Chick Growing Contest

RAISE HATCHERY CHICKS AND MAKE MORE MONEY!

133 CASH PRIZES!

First Prize—$100 Second Prize—$75 Third Prize—$25
and 115 cash prizes of $5 each

In addition there are three sectional prizes of $20, $15, and $10 for each of Poultry Tribune's five editions. These sectional prizes are not open to the winners of the first three national prizes.

Contest Rules!

1 This contest open to everybody except employees of Poultry Tribune and their families.

2 All chicks purchased from a hatchery or dealer, having Hatchery Code compliance certificate, are eligible. If the chicks are purchased from a hatchery which advertises in Poultry Tribune between November 1934 and June 1935, inclusive, the prize money will be increased by one-half. Example: If you win the first prize of $100 with chicks purchased from a Poultry Tribune advertiser, you receive a total of $150.

3 This contest pertains to chicks (not less than 100) started any time between January 1 and July 1, 1935.

4 A complete record covering the first eight weeks of brooding, along with a letter of not more than 300 words, explaining your brooding methods, must reach Poultry Tribune, Mount Morris, Illinois, not later than two weeks after your chicks are eight weeks old.

5 Your letter and record blank must be mailed in the same envelope. No changes or additions will be made in an entry after it reaches Poultry Tribune. Entrants agree to accept judges' decision. Duplicate prizes will be awarded in case of ties. All letters become the property of Poultry Tribune.

6 Prizes will be awarded on the basis of percentage of chicks raised, as well as thoroughness of the record kept, along with the best letter of not more than 300 words telling how the brooding was done.

ALL Hatchery Chicks Are Eligible!

No matter where you buy your chicks for 1935,—they will be eligible to enter in this big $1000 cash contest. All hatchery chicks will be allowed to compete,—but if you purchase your chicks from a *Poultry Tribune* advertiser and they win one of the 133 cash awards the prize money will be increased by one-half. The $100 first prize will be increased to $150 etc. (See rule 2.)

A Chance for Everybody

How would you like to receive a check for $150 next December? Think of all the things you could buy with the money. O. F. Knowlton, Skowhegan, Me., has just been mailed the first prize check for $150 in the 1934 contest. He had to raise chicks anyhow so he thought he might as well do an extra good job and try for the prize money. As a result he raised better chicks for himself,—and won $150 too. See page 9 for the story of the winners.

Record Blank and Guide

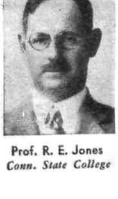
Every poultry raiser who enters this contest will get a record blank and guide. There are a few simple records which you must keep. Use the record blank and follow the brooding directions on the guide card. Brooding will be easier than it has ever been before and you will raise more of your chicks. It's worth entering the contest just to get this help.

Follow the Rules

Be sure to read the contest rules. Observe the names of the judges. Three of America's most outstanding poultry authorities will judge the contest. When you order chicks this year ask the hatcheryman to enter your chicks in this big national contest. The record blank and guide card will come to you free with his compliments. Then follow the rules. Your record and a letter of not more than 300 words must reach us not later than 2 weeks after your chicks are eight weeks old. Easy isn't it?

Three Distinguished Judges

Dr. L. E. Card
University of Ill.



Prof. R. E. Jones
Conn. State College

Prof. J. R. Redditt
University of Nebr.

CHICK GROWING CONTEST,
Poultry Tribune, Desk 193, Mount Morris, Ill.

Gentlemen: I want to enter your Eighth National Chick Growing Contest with its 133 cash prizes. I'm enclosing 10c to cover the cost of mailing the record blank.

Number chicks ordered..........

From..........

My Name..........

Address..........

If you prefer, send this to the hatcheryman from whom you buy chicks; he can enter you free.

Enrolling doesn't in any way oblige me to send in final report on my chicks.

Redbird Farm Baby Chicks
...GUARANTEED TO LIVE...

First High Red Pen New York State Contest

Our Pen led all Reds at Farmingdale, scoring 2239 Points, 2113 Eggs. Our score at Maine was even higher—2414.6 points, 2451 eggs.

30,000 Breeders on One Farm

Pullorum Tested by Mass. Agri. College

We do not buy hatching eggs from other poultrymen but produce all we set.

Rapid Feathering—Large Egg Size

3 lb. Broilers in 10 Weeks

Pullets—Start Laying at 4 months; at 6 months weigh 6 lbs. and are in **50% Production of Extra-Large Eggs.**

CHICKS—Straight R.I. Reds and Rock-Red Cross.

FREE *Replacement of Chicks lost in excess of 2% first 4 weeks.* Cash refund if you prefer. **Write for Catalog, Prices and Early Order Discount.**

REDBIRD FARM, Route 21 WRENTHAM, MASS.

Compliance Certificate 2139

R.O.P. HANNAH
S. C. WHITE LEGHORNS

Leading Midwest R.O.P. Strain is Poultry Item's Official Egg Contest Report. 1934. More Official Record Hens over 275 Eggs we believe than any other Midwestern Breeder. Real R.O.P. Breeding for High Livability, Egg Size and Production.

All Matings and Breeding work under **R.O.P. Supervision or Michigan Certified.** Thirty-two years of Poultry Breeding Experience.

A Pedigree Certificate

With all R.O.P. Wingbanded Chicks Stamped and signed by Supervisor, Mich. Poultry Improvement Ass'n.

A 10% Early Order Discount on Baby Chicks and Eggs for Hatching

Send for Free Catalog and Price List

W. S. HANNAH & SONS

Box T -:- Grand Rapids, Michigan

BLUE RIBBON R.I. REDS & LEGHORN-RED CROSS

FLYING HORSE FARM

LEADING THEIR CLASS at N.Y. State Contest

Off to a flying start, our pen led the Red class for the first five weeks at the New York State Contest, Farmingdale, L.I.

All Breeders Pullorum Clean

Not a reactor in five years. We set eggs only from our own farm.

CHICKS—BREEDING COCKERELS

Egg-Bred Leghorn-Red Cross—New sensational sex-link cross. **Pullets for Eggs—Cockerels for Broilers.**

Send for Catalog and Prices

FLYING HORSE FARM

Comp. Cert. 7512

25 Highland Ave., South Hamilton, Mass.

SUNNY CROFT CHICKS

Star Matings headed by Approved R.O.P. and Pedigreed Males. 200 to 319 Eggs. Official Contest Winners. Tested for B.W.D. by Stained Antigen Method. High Quality at very reasonable prices. **Sex-ed Chicks.** Write for Baby Chick Bulletin. (Code 1227)

Early Order Discount

SEND FOR FREE CATALOG

SUNNY CROFT HATCHERY

Box 600, Palatine, Illinois

The Grab Bag

This month the editor has picked from among the free booklets offered by advertisers and from the new college bulletins those which he feels are of most interest and help. Want any of them?

Just send a penny postal card to the address given here when the booklet or bulletin is free. The booklet or bulletin listed will then come direct to your home. **Do not send requests for any of these booklets to Poultry Tribune. You must write direct to the address listed.**

● *A Book of Wire Fabrics and Parts for Poultry Batteries* has just been written which will find a ready welcome from many poultry raisers. The catalog shows wire floors for brooder houses, suggests how to build sun porches, contains a complete list of battery supplies, and describes poultry yard construction. Address: *Bussey Pen Products Co., 1500 S. Western Ave., Dept. PT., Chicago, Ill.*

● *Care of Tools and Files* is a new manual which is intensely interesting to everyone who has occasion to use tools. It is a 50-page *free* book which Poultry Tribune subscribers will find extremely interesting. Address: *Henry Disston & Sons, Inc., Dept. P.T., Philadelphia, Pa.*

● *New Two Room Brooder House.* A brooder house manufacturer has a new brooder house design which provides two rooms, a cool room and a hot one. *Many poultry raisers like this arrangement.* There is also an offer of a free brooder stove during the month of December. Ask for *free* booklet. Address: *Des Moines Incubator Co., 569 Third St., Des Moines, Iowa.*

● *Feeders, Fountains, Nests and Poultry Supplies* are shown in a new *free* catalog just issued by one of the largest manufacturers of poultry equipment. Address: *The Oakes Mfg. Co., Box 431, Tipton, Ind.*

● *Home Feed Mixtures* are discussed in a new *free* folder which tells how poultrymen can grind and prepare their feed mixtures so that flocks make greater and faster gains. Grinding and mixing machines are described. Address: *J. I. Case Co., Dept. M-115, Racine, Wis.*

● *Prevents Pox, Cankers and Many Forms of Roup is the title of new leaflet which explains* how poultry raisers can cut their winter losses by vaccination. This is information which every poultry raiser should have now. Address: *Dr. Salsbury's Laboratories, 419 Jackson St., Charles City, Iowa.*

● *14 Ways to Boost Egg Income* is the title of a new booklet which has a particular appeal for poultry raisers now. It contains valuable feeding and marketing information. *Free.* Address: *National Oil Products Co., Inc., 2551 Essex St., Dept. 25A, Harrison, N.J.*

● *The Fallacy of Canopy Edge Brooding* is discussed in a new *free* leaflet which tells how a new brooder provides an even temperature for all the chicks in the brooding zone. It reduces fuel consumption and provides a cool feeding zone. Address: *Globe American Corp., Dept. P.T., Kokomo, Ind.*

● *A New Insulating Paper* which costs only about a cent and a half a square foot is now available to make poultry houses air tight. Send for the new leaflet "New Ideas in Poultry Housing." Address: *The Sisalkraft Company, 205 W. Wacker Drive, Canal Station, Chicago, Ill.*

● *We Heard After 25 Years of Deafness* is the title of a new booklet which tells the true story of how a man solved his own problem and developed a device which enables other deaf people to hear. *Free booklet.* Address: *The Way Company, 753 Hofmann Bldg., Detroit, Mich.*

● *Free Calendar Thermometer for 1935.* Send a three-cent stamp for this and free sample of Tums, the delicious candy-like antacid mints for fussy stomach, and Nature's Remedy, the famous all-vegetable laxative. Address: *A. H. Lewis Medicine Co., Dept. 28 SKK, St. Louis, Mo.*

● *New Low Priced Incubators* are described in a new, free catalog which has just been made available to Poultry Tribune readers. *Free.* Address: *Belle City Incubator Co., Box 167, Racine, Wis.*

● *$2250 in Cash Prizes.* This is the first prize in a big cash contest which has prizes totaling $5000. Hundreds of people have won some of this prize money. Why don't you try for it? The announcement is on page 2 of this issue.

● *Peat Moss as a Poultry Litter* is a new leaflet which explains many valuable features of Swedish Peat Moss. Ask for *free* booklet. Address: *Premier Peat Moss Corp., 150 Nassau St., Dept. P.T., New York, N.Y.*

● *A New Poultry Equipment Guide* which includes a complete description of leg bands, new brooders, feeders and waterers, also incubators, has just been announced. A pamphlet entitled "Ultra-Violet and Its Benefits to the Practical Poultryman" is also available. Both are *free.* Address: *Illinois Supply Company, Dept. P.T., Aurora, Ill.*

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FREE BOOKLET tells all about litter—and what it will do for *you.* Just send name and address.

The OK. Co., R-165 John St., New York, N.Y.

Help me get MORE EGGS!

"I'd give you a lot more eggs if you would feed me right. I need grit and calcium and PEARL GRIT has 'em both. Why not write and get the dope"?

Pearl Grit news tells you how to help hens get more eggs—IT'S FREE. Write today.

PEARL GRIT CORP., Dept. T-124, Piqua, Ohio

FAUNILIN — TOBACCO DUST FOR POULTRY

FOR DEWORMING YOUR FLOCK DIRECT FROM MANUFACTURER $2.00 100 LBS. F.O.B. PHILA. SAMPLE, ANALYSIS, DIRECTIONS ON REQUEST.

FAUNALAX — WORM & LAXATIVE COMPOUND

COMBINING "FAUNILIN" TOBACCO DUST WITH A MILD, SWEET INTESTINAL STIMULANT. NO PRODUCTION LOSS DURING TREATMENT. 5 LBS. POSTPAID $1.25

HENRY A. FISCHEL, INC. 418 N. 3RD ST. PHILADELPHIA, PENNA.

Vaccinate NOW

Look at These Low Prices!

AVIAN MIXED BACTERIN

for Prevention and Treatment of Colds, Roup, etc. 60 doses **$1.00**—125 doses **$1.50**—250 doses **$2.50**—500 doses **$4.00.**

FOWL POX VACCINE

For Prevention of Chicken Pox and Canker. ***Chicken or Pigeon*** Strain. 100 doses **$1.00**—500 doses **$4.00.**

FIDELITY SPECIAL SYRINGE

High Grade. Glass barrel. 2 needles. For administering Avian Bacterin (not required for pox vaccine or antigen) only, **75c.**

FREE 50c Package Diarrhea Tablets or Bottle Disinfectant with any order. **ORDER NOW!** *All* prices prepaid. ***Write for free booklet on Poultry Diseases.***

FIDELITY LABORATORIES, INC. 814 Exchange Ave., Chicago, Ill.

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3 Months	.65 a word
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Minimum ad accepted: 10 words.

Figures and initials count as words. *Count carefully and enclose full remittance.* Send cash with order.

Be sure to specify under which heading your ad is to appear. In changing or renewing ad, also specify the head.

To insure insertion in our January issue, your copy must reach us by December 10.

Send copy and remittance to Poultry Tribune, Mount Morris, Ill.

ANDALUSIANS—BLUE

BLUE Andalusians—$1.00 each. E. Iverson, Galva, Illinois.

AUSTRALORPS

AUSTRALORP headquarters. Importers official world champion 353-361-364 egg hens. Cockerels, pullets, chicks, eggs. Prices reasonable. Osborne Farm, Holland, Michigan.

335 EGG line cockerels—$2.50 and up. *Write for prices on eggs and chicks.* Lamor Poultry Farm, Coffeyville, Kansas.

AUSTRA-WHITE

AUSTRA-WHITE pullet chicks ready for shipment now. Healthier, bigger, better layers than Leghorns. Will lay before five months old. Write for photograph of these *wonderful birds. Parkin Hatchery, Box 65,* Shawnee, Oklahoma.

BABY CHICKS

DUBOIS County chicks Barred, Buff, White Rocks, White, Silver Laced Wyandottes, Buff Orpingtons, Rhode Island Reds, White Rhode Islands, New Hampshire Reds—$8.25; White, *Black Giants, Light* Brahmas—$9.75; Buff, White Minorcas—$8.65; White Leghorns (English strain) Anconas—$7.25; heavy mixed—$7.25; assorted—$6.30. Chicks hatched in electric Smiths. Prepaid. Dubois County Hatchery, Box 540, Huntingburg, Indiana.

WRITE Sterling Hatchery, Box 7, Ramsey, Indiana, for special baby chick offerings.

NICHOL'S Master Bred Chicks pay big. 18 profitable varieties. Also standard bred baby pullets and cockerels. Backed by years of breeding, best blood lines. Large catalog free. Nichol's Poultry Farm, Box D, Monmouth, Ill.

MOTHER Bush baby chicks. Many breeds—$6.30 up C. O. D. Thousands hatching. Also sex guaranteed chicks. Bush Hatchery, Box 130, Clinton, Missouri.

THORNWOOD'S fine blooded chicks cost no more to start, yet insure you highest profit at lowest cost to raise. Now hatching 18 leading breeds in the World's *largest incubators.* All bloodtested (antigen method). Send for big free Poultry Book, low prices and special offer. Thornwood, Box 104, Crandall, Indiana.

COOMBS Leghorns. ROP pedigreed chicks, eggs. Reasonable prices. Early order discount. Free catalog. Coombs Poultry Farm, Box 612, Sedgwick, Kansas.

LOOK. Baby chicks. Finest quality, every week *all year. Also laying pullets,* mature breeders, eggs for hatching. Price right. Catalog free. Nabob Hatcheries, Box 37, Gambier, Ohio.

SUSQUEHANNA strain broiler chicks. State agglutination bloodtested for pullorum. Rocks, Cross-breds, New Hampshire Reds, White Rocks. Catalog. Susquehanna County Breeders Hatchery, Montrose, Penn.

PUREBRED chicks. Get reasonable 1935 prices on Silver Ward White Leghorns, Barred or White Rocks, R. I. Reds, Anconas. Big type, bred to lay breeding stock B.W.D. bloodtested antigen whole blood method and reactors removed. C.O.D. shipment. Catalog free. Write Silver Ward Hatchery, Box 32, Zeeland, Michigan.

STATE inspected, government supervised, big type, big egg English Roselawn foundation White Leghorn baby chicks, direct blood lines 250 to 310 egg. Big discount on early orders. Catalog free. Terhune Leghorn Farm, McAfee, Kentucky.

DeTRAY Hatchery: $1.00 books your order for New Hampshire Reds, Barred Rocks, White Rocks, S. C. Reds, English White Leghorns. Now hatching. Being a veterinarian, I also offer advice on poultry diseases to anybody sending return postage. Dr. E. M. DeTray, Napoleon, Ohio.

Try . . .

just one small classified ad in the next issue of Poultry Tribune. We are confident that the result obtained will make you, too, a steady Poultry Tribune classified advertiser.—*Class. Ad. Jim.*

SALEM'S quality chicks, hatched in Smith all electric machines. *We replace at* half price all chicks that die first 14 days. Prompt shipment, C.O.D. We pay postage. Write for our new low prices. Salem Hatchery & Poultry Farm, Box 48, Salem, Indiana.

SCHLICHTMAN square deal chicks Missouri Accredited hatchery board bloodtested *(antigen method)* Leghorns—$6.40; Rocks, Reds, Orpingtons, Wyandottes—$6.75; Giants, Brahmas—$7.75; heavy assorted—$6.30 prepaid. Free catalog explaining two week livability guarantee. Schlichtman Hatchery, Appleton City, Missouri.

SUNSHINE chicks, Rocks, Reds, Wyandottes, etc., $7.50—100; Grade AA and New Hampshire Reds—$8.50; Leghorns—$7.00; heavy mixed—$6.50. Shipped prepaid 14 day replacement guarantee. Order from this ad. Write for prices baby pullets, baby cockerels. Sunshine Hatcheries, Route 3, Corydon, Indiana.

BABY chicks for broilers. We can make prompt shipment of following breeds, Barred, White, Buff Rocks, Reds, White Wyandottes and New Hampshire Reds, $8.45—100; White Giants—$9.95; English White Leghorns and Buff Leghorns—$7.45; heavy mixed—$7.45. We pay postage, guarantee live delivery and protect you on losses for 14 days. Davis Poultry Farm, Route 4, Ramsey, Indiana.

If you read Poultry Tribune regularly each month, there is nothing of importance you will miss in the poultry field.

BABY Chicks and hatching eggs. Rhode Island Reds, Barred Plymouth Rocks, White Leghorns, etc. etc. Send for Chick News describing our complete line, 24 varieties of chicks. Also turkeys and ducks. Russell's, Corvallis, Oregon.

DOLAN'S Pedigreed Leghorns. Real *breeding farm, no outside flocks. Matings* headed by males, 270-347 eggs. Early order discount. Dolan Poultry Farm, Route 4-A, Manchester, Missouri.

SUNNYCROFT Chicks. Real breeding quality, vigor. ROP, pedigreed males head best matings. BWD tested stained antigen method. Early order discount. Free catalog. Code 1227. Sunnycroft Hatchery, Box 600, Palatine, Illinois.

BOCKENSTETTE'S

Blue Ribbon chicks. Pure bred day old pullets or cockerels. Pedigree sired matings headed by males from R.O.P. approved hens, egg records 200-324, $6.90 and up on our Standard bred chicks which carry these blood lines for several generations. Catalog.

BLUE RIBBON FARMS

RIW *Sabetha, Kansas*

C.O.D. Rocks, Reds, Wyandottes, Brown, White Leghorns, Anconas, Heavy Mixed—$7.95 per hundred, plus postage. Immediate shipments. Mt. Healthy Hatcheries, Mt. Healthy, Ohio.

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PUREBRED Hi-Grade chicks. Bred for large broilers and good layers. S.C. Reds, Barred, Buff, White Rocks, Buff Orpingtons, White Wyandottes, 100—$7.45, 500—$36.75, 1000—$72.50; Large type White Leghorns, Brown, Buff Leghorns, Anconas *—$6.95 per 100; heavy assorted—$6.50.* We pay postage. Guarantee 100% live arrival. All chicks backed by 14 day livability guarantee described in literature. Immediate deliveries. Can ship C.O.D. Order from ad. Glendale Hatchery, Box 21, Milltown, Indiana.

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OUR Homemade Brooder, 25c hovers require 70° room, no supplementary heat. 100 broilers weekly. Simple, different. Circular free. Albert Hardy, Route 4, Dixon, Illinois.

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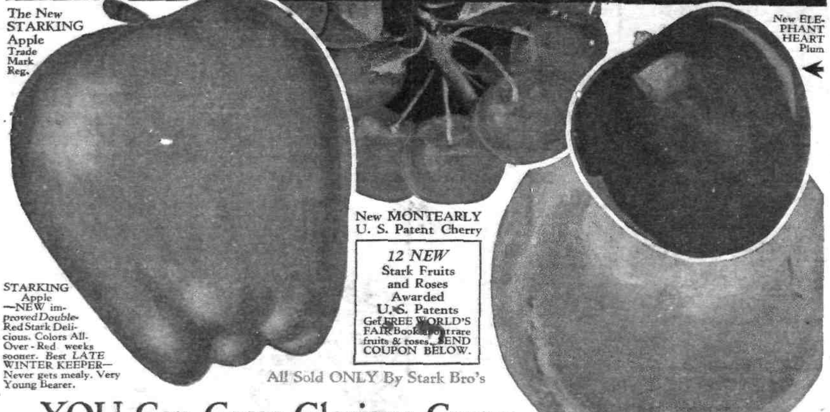

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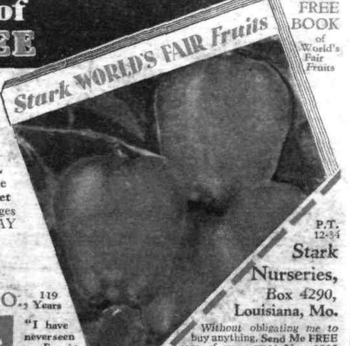

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